

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

MARCH 30, 2021

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

CV Greg Fries

Jan 13, 2022

City Engineer

Date

INDEX OF SHEETS

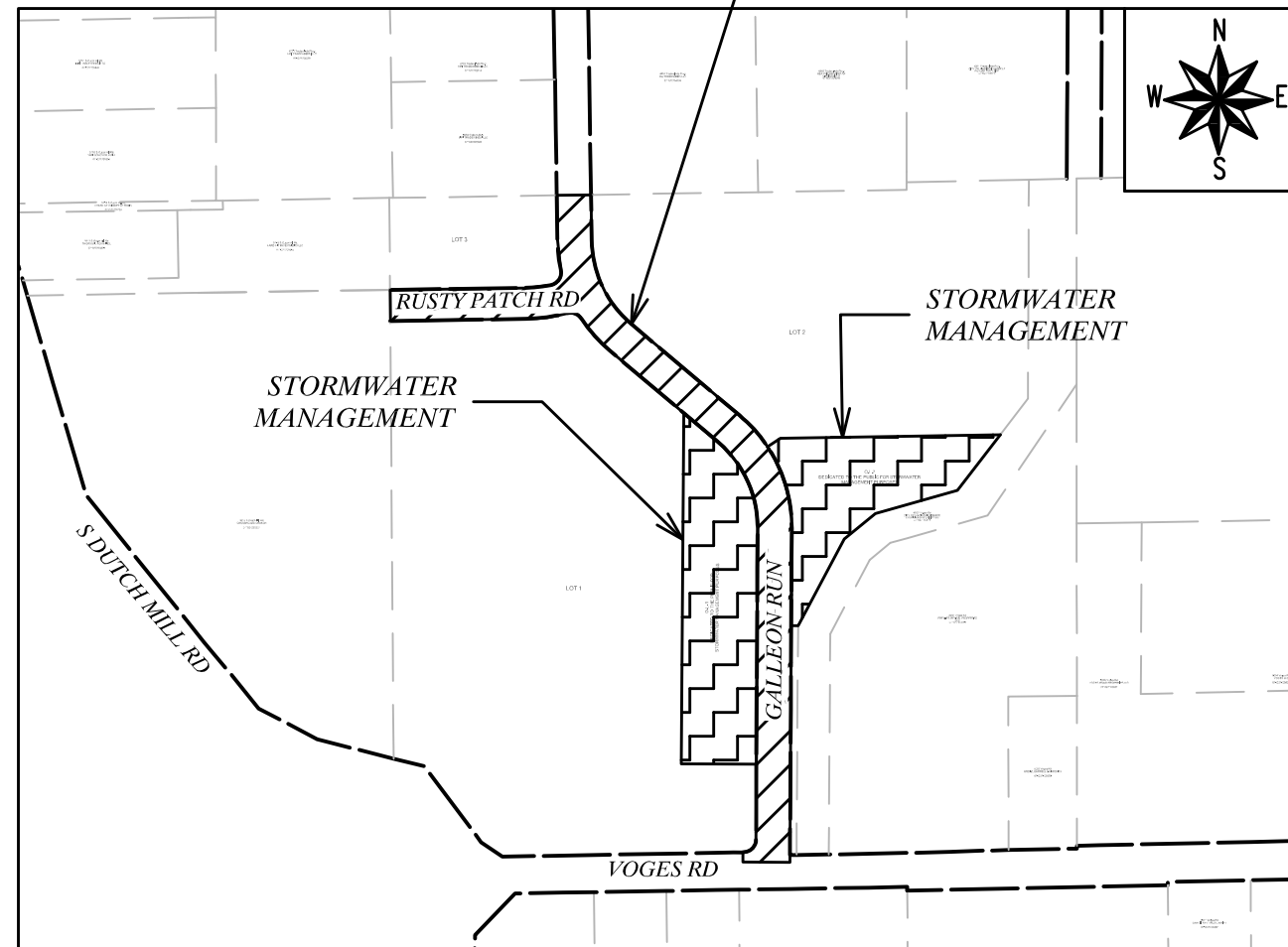
SHEET NO.	STANDARD NOTES
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4800 VOGES ROAD

CITY PROJECT NO. 12582

CONTRACT NO. 9025

PROJECT LOCATION



STORMWATER MANAGEMENT DESIGNED BY:

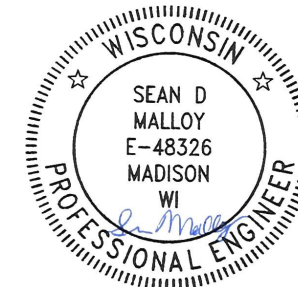
SEE INDIVIDUAL SHEETS

STREET DESIGNED BY:



Jan 13, 2022

GEOMETRY DESIGNED BY:



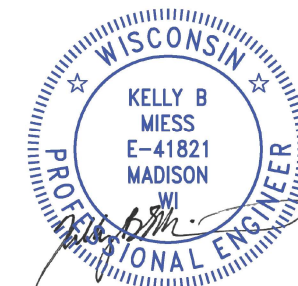
Jan 13, 2022

SANITARY SEWER DESIGNED BY:



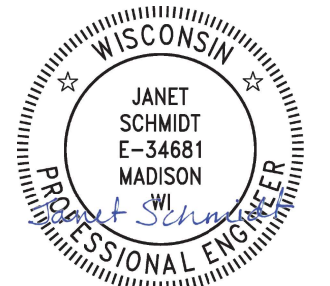
Jan 13, 2022

WATER DESIGNED BY:



Jan 13, 2022

STORM SEWER DESIGNED BY:



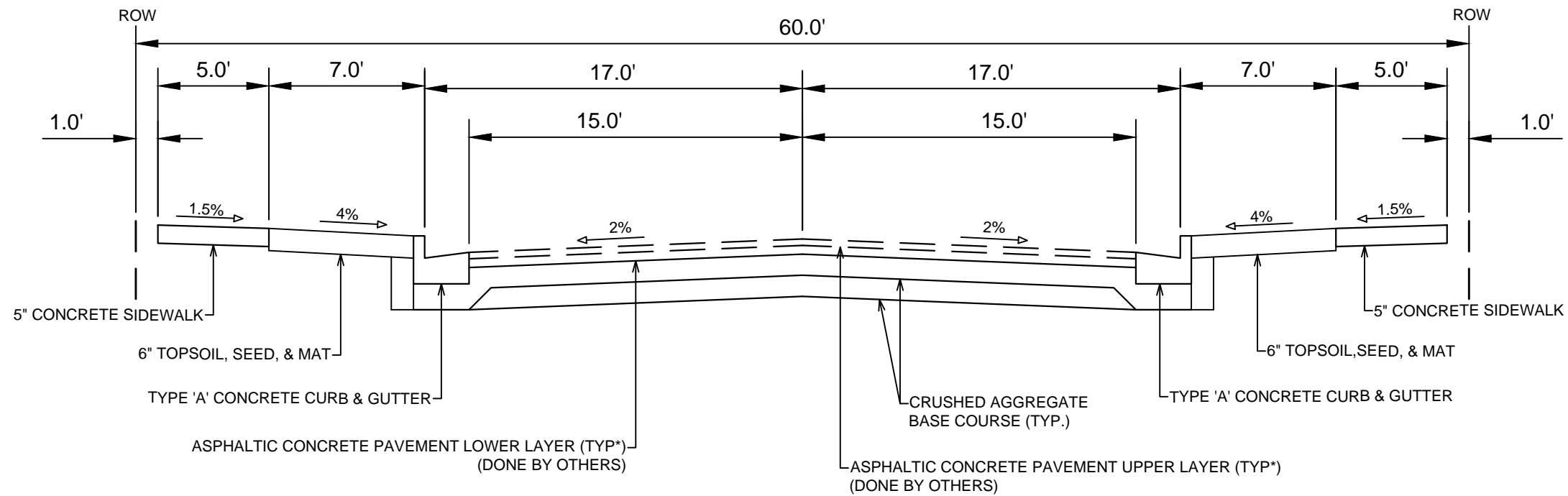
Jan 13, 2022

PLOT SCALE: 1:1000_XREF

PLOT NAME: -----

REV. DATE: 12/14/2021 6:00 PM

ORIGINATOR: CITY_OF_MADISON



TYPICAL SECTION
RUSTY PATCH ROAD

NOTES:

* RUSTY PATCH ROAD SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN. THE CITY SHALL BE RESPONSIBLE FOR ALL BINDER AND SURFACE PAVING UNDER THE CITY'S RESURFACING CONTRACT. THE DEVELOPER SHALL COORDINATE PAVING WORK WITH CITY ENGINEERING AND SHALL PROVIDE THE RESURFACING PROJECT CONTRACTOR A TWO WEEK NOTICE WHEN FINISH GRADING WORK IS COMPLETED AND THE STREET IS SET FOR PAVING.

CITY OF MADISON MINIMUM PAVEMENT DESIGN

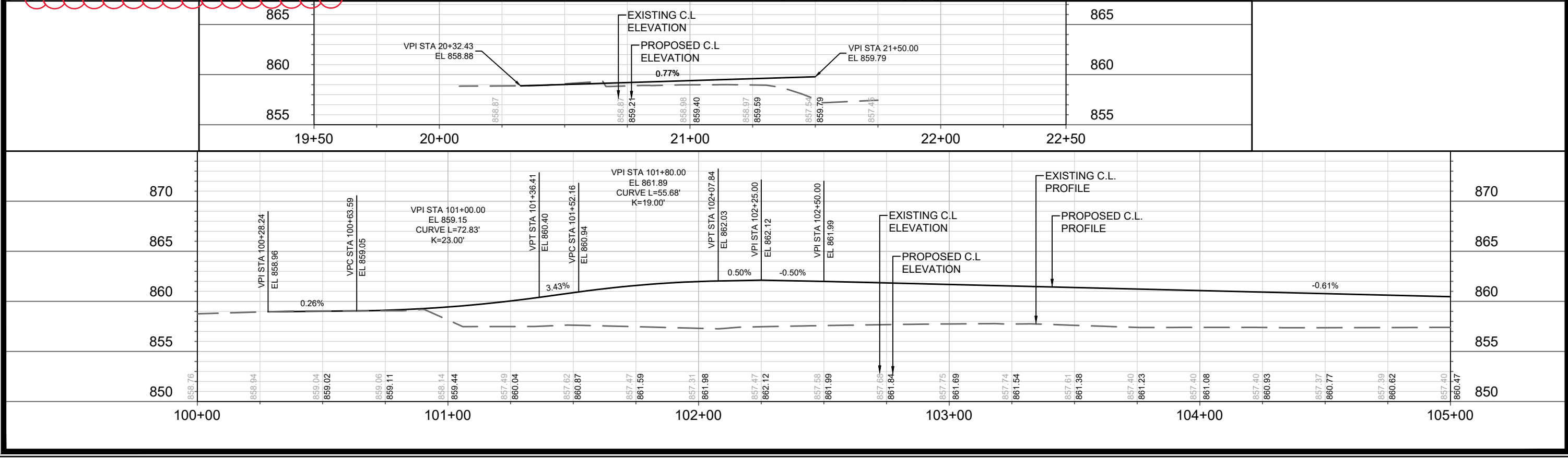
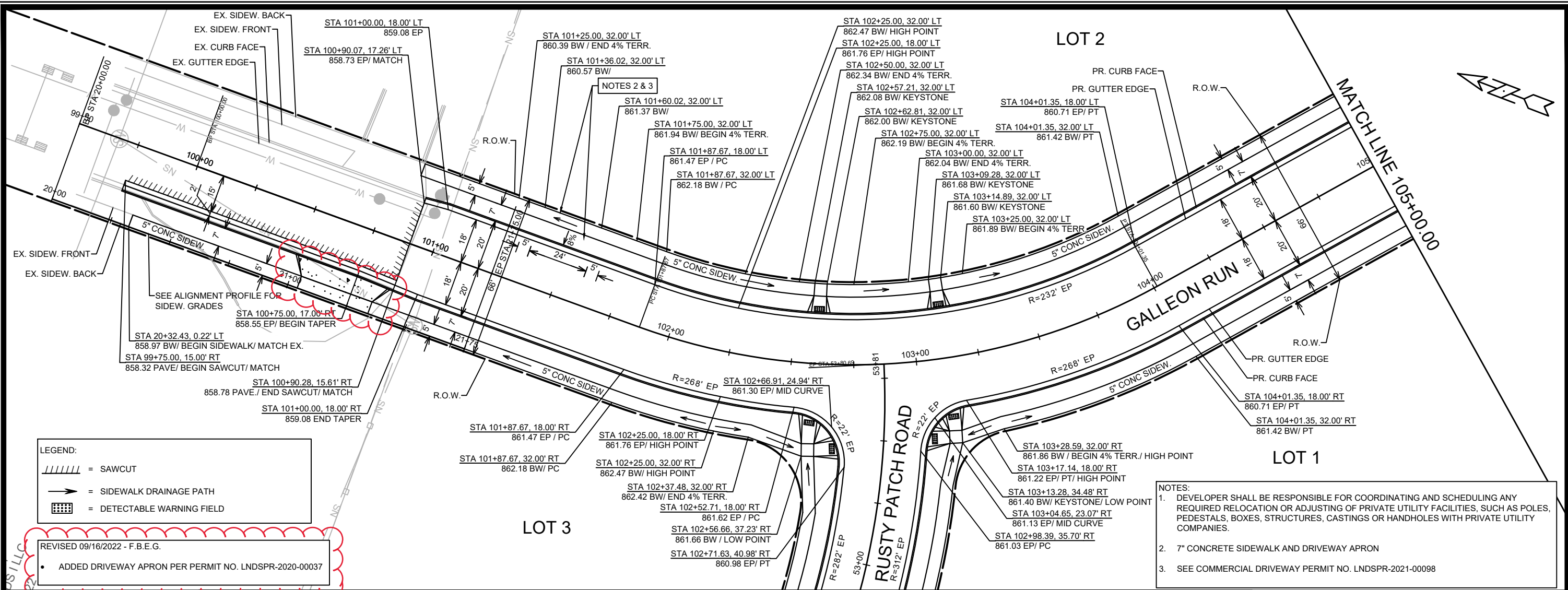
TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

MARK	REVISION	DATE	BY
12582	177/2022	2:09 PM	
Designed By: 12582	Scale: #####		D-3

12582
MADISON, WI
CONTRACT NO: 9025
TYPICAL SECTION
4800 VOGES ROAD
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12582
D-3



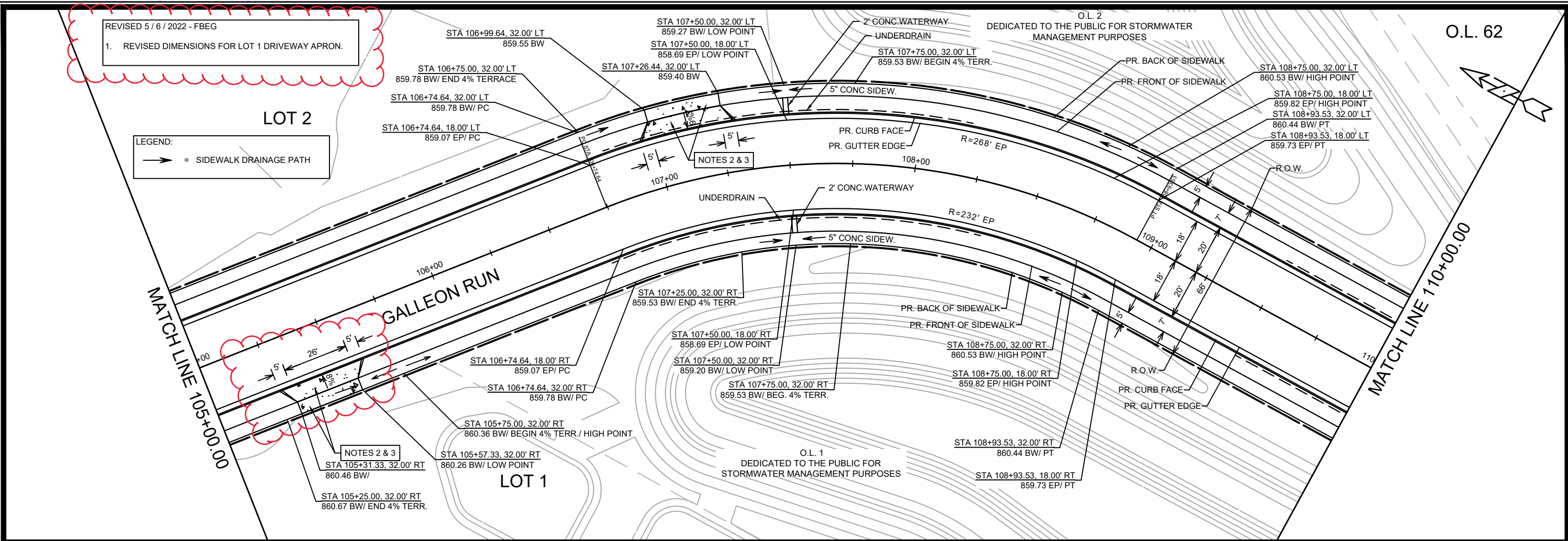
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REVISION	
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 MADISON, WI
 CONTRACT NO: 9025

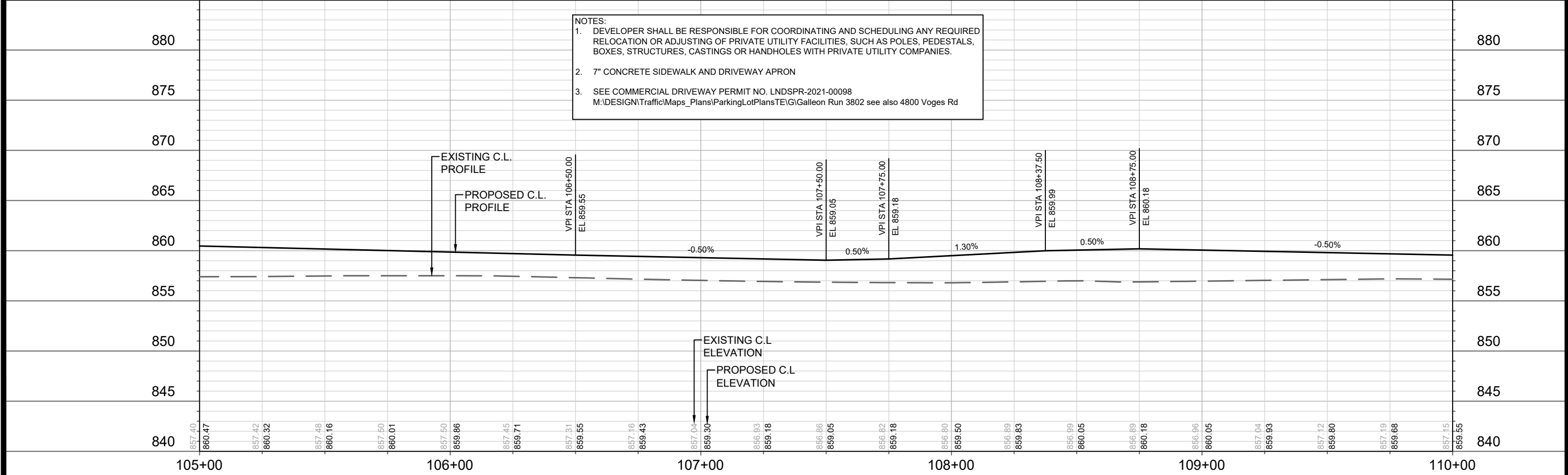
PLAN & PROFILE - GALLEON RUN
 4800 VOGES ROAD
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REVISED 5 / 6 / 2022 - FBEG
 1. REVISED DIMENSIONS FOR LOT 1 DRIVEWAY APRON.

LEGEND:
 → = SIDEWALK DRAINAGE PATH



NOTES:
 1. DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS OR HANDHOLES WITH PRIVATE UTILITY COMPANIES.
 2. 7" CONCRETE SIDEWALK AND DRIVEWAY APRON
 3. SEE COMMERCIAL DRIVEWAY PERMIT NO. LNDSPR-2021-00098
 M:\DESIGN\Traffic\Maps_Plans\ParkingLotPlans\TE\G\Galleon Run 3802 see also 4800 Voges Rd



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Scale: 1" = 40'
 Date: 5/6/2022 6:32 PM
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 12582

12582
 MADISON, WI
 CONTRACT NO: 9025

PLAN & PROFILE - GALLEON RUN
 4800 VOGES ROAD
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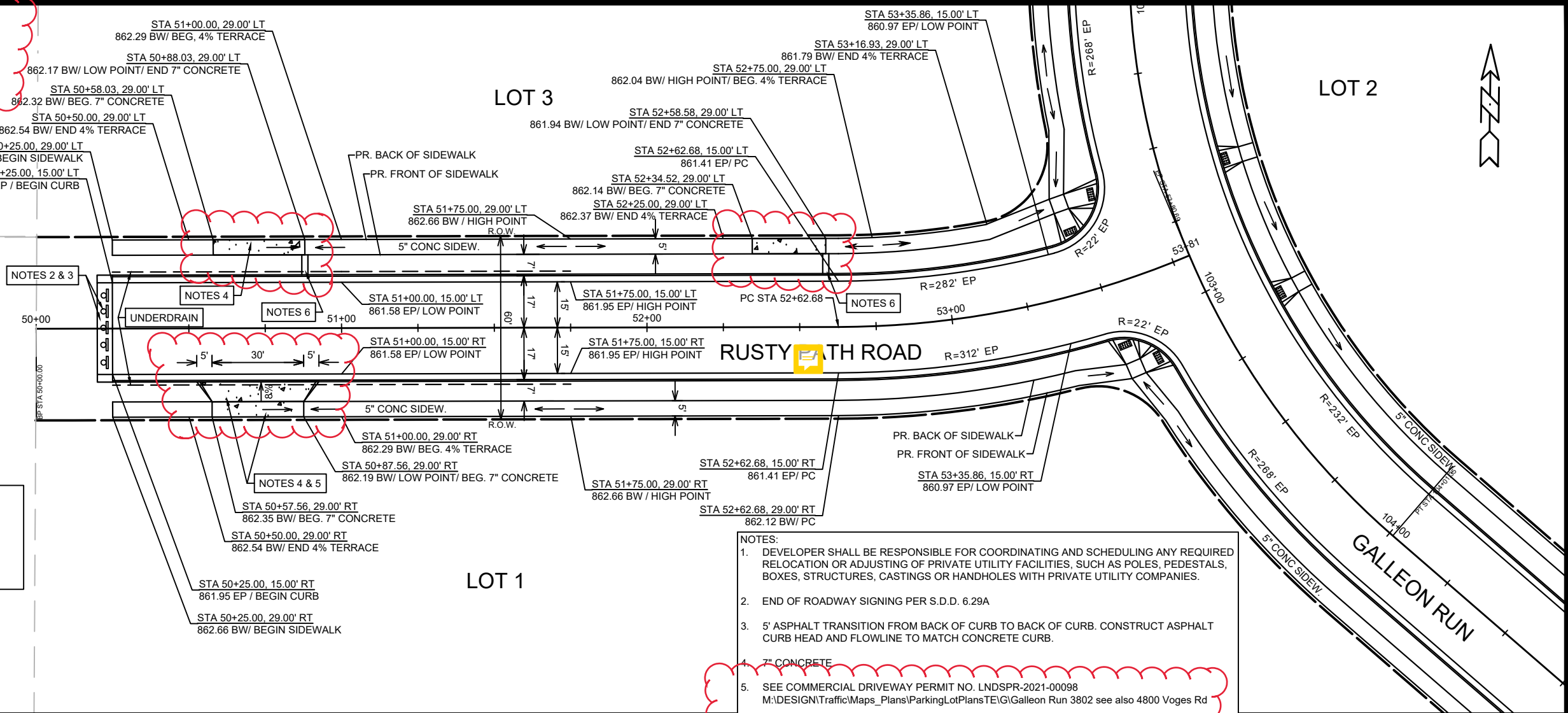
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 P-2

REVISED 5 / 6 / 2022 - FBEG

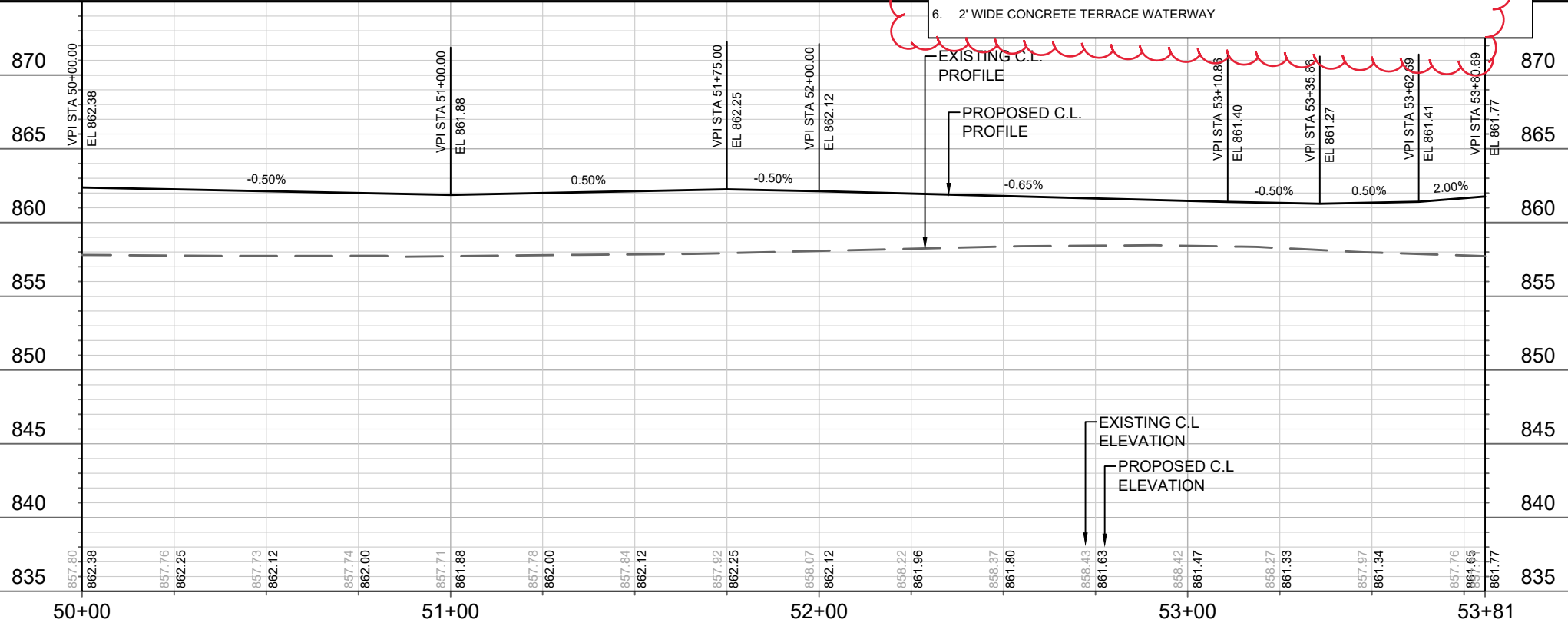
1. DELETED BOTH DRIVEWAY APRONS FOR LOT 3.
2. ADDED CONCRETE TERRACE WATERWAYS
3. REVISED DIMENSIONS FOR LOT 1 DRIVEWAY APRON.

LEGEND:

- = SAWCUT
- = SIDEWALK DRAINAGE PATH
- = DETECTABLE WARNING FIELD



- NOTES:**
1. DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS OR HANDHOLES WITH PRIVATE UTILITY COMPANIES.
 2. END OF ROADWAY SIGNING PER S.D.D. 6.29A
 3. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
 4. 7" CONCRETE
 5. SEE COMMERCIAL DRIVEWAY PERMIT NO. LNDSPR-2021-00098
M:\DESIGN\Traffic\Maps_Plan\ParkingLotPlans\TE\G\Galleon Run 3802 see also 4800 Voges Rd
 6. 2' WIDE CONCRETE TERRACE WATERWAY







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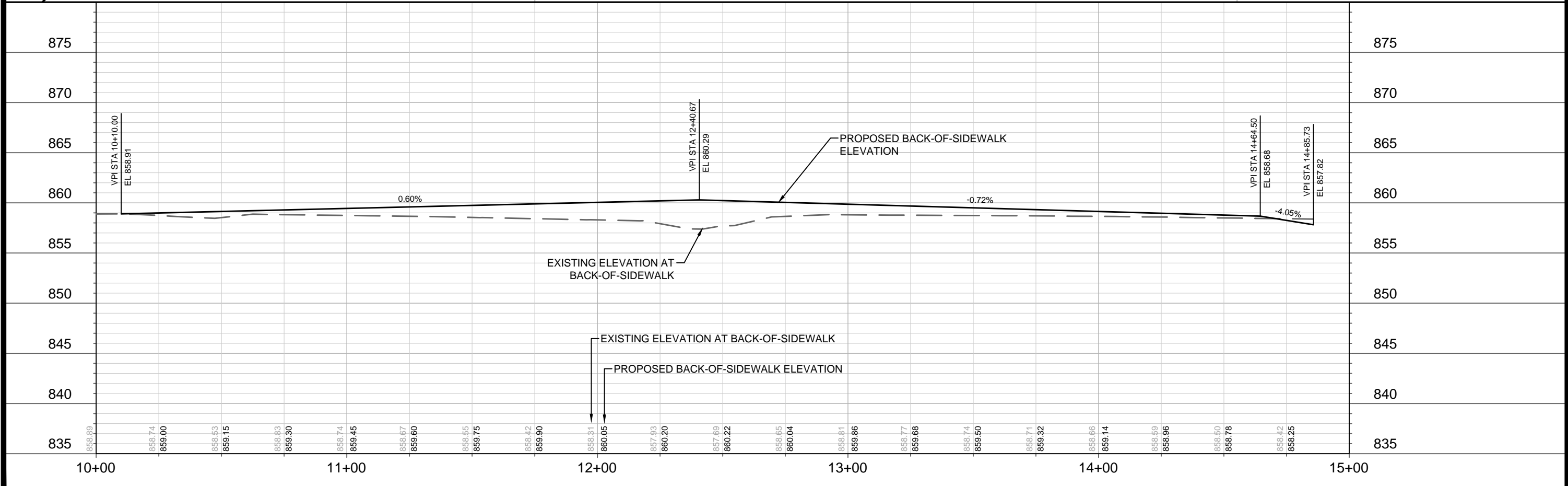
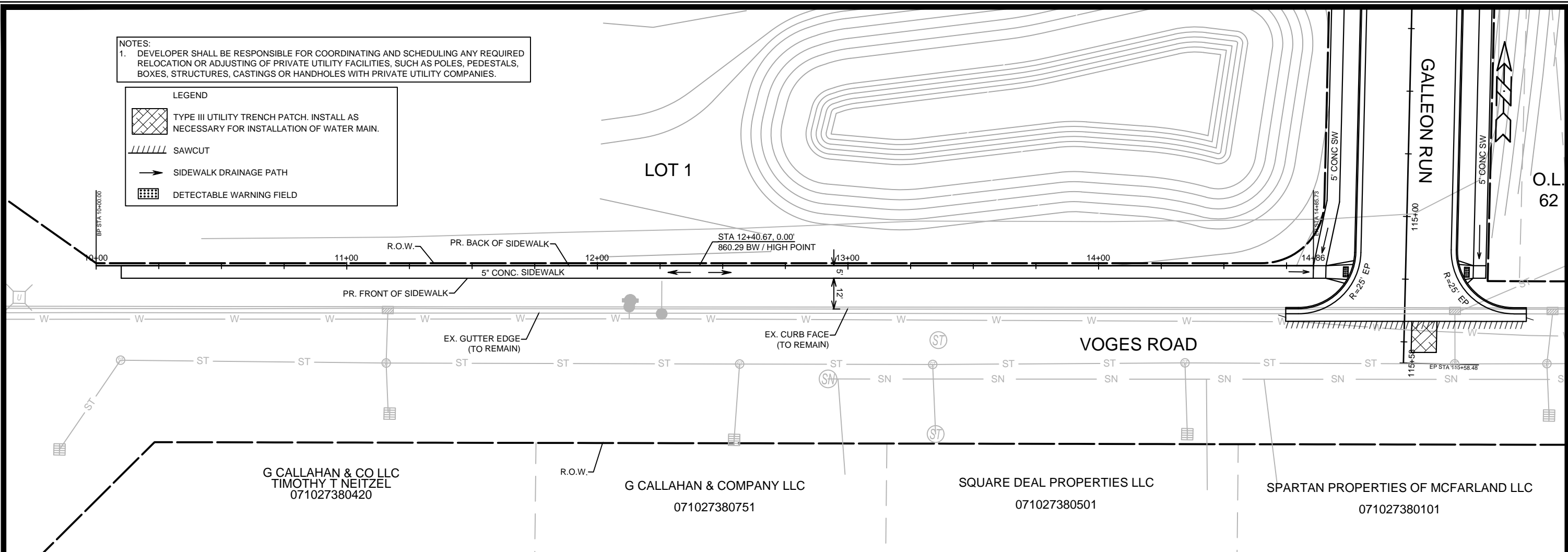
12582
MADISON, WI
CONTRACT NO: 9025

PLAN & PROFILE - RUSTY PATCH ROAD
4800 VOGES ROAD
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NOTES:
 1. DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS OR HANDHOLES WITH PRIVATE UTILITY COMPANIES.

LEGEND

-  TYPE III UTILITY TRENCH PATCH. INSTALL AS NECESSARY FOR INSTALLATION OF WATER MAIN.
-  SAWCUT
-  SIDEWALK DRAINAGE PATH
-  DETECTABLE WARNING FIELD



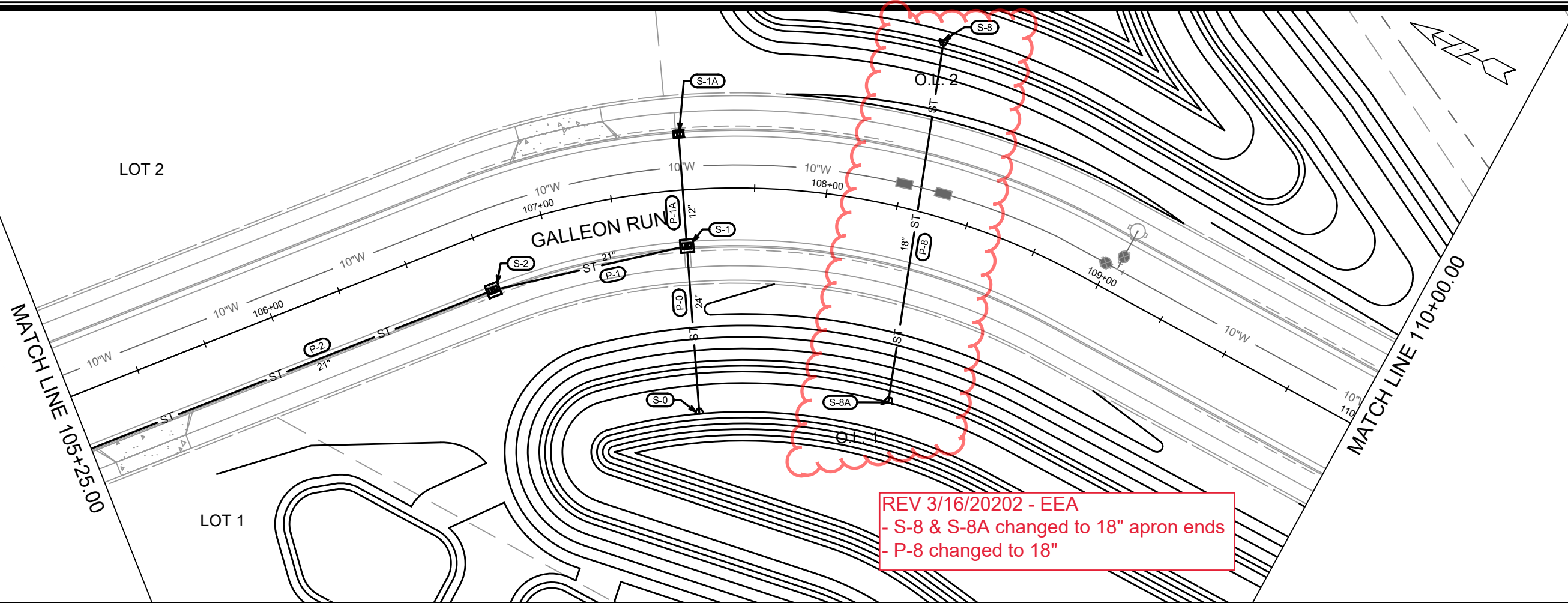
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P-5	

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 MADISON, WI
 CONTRACT NO: 9025

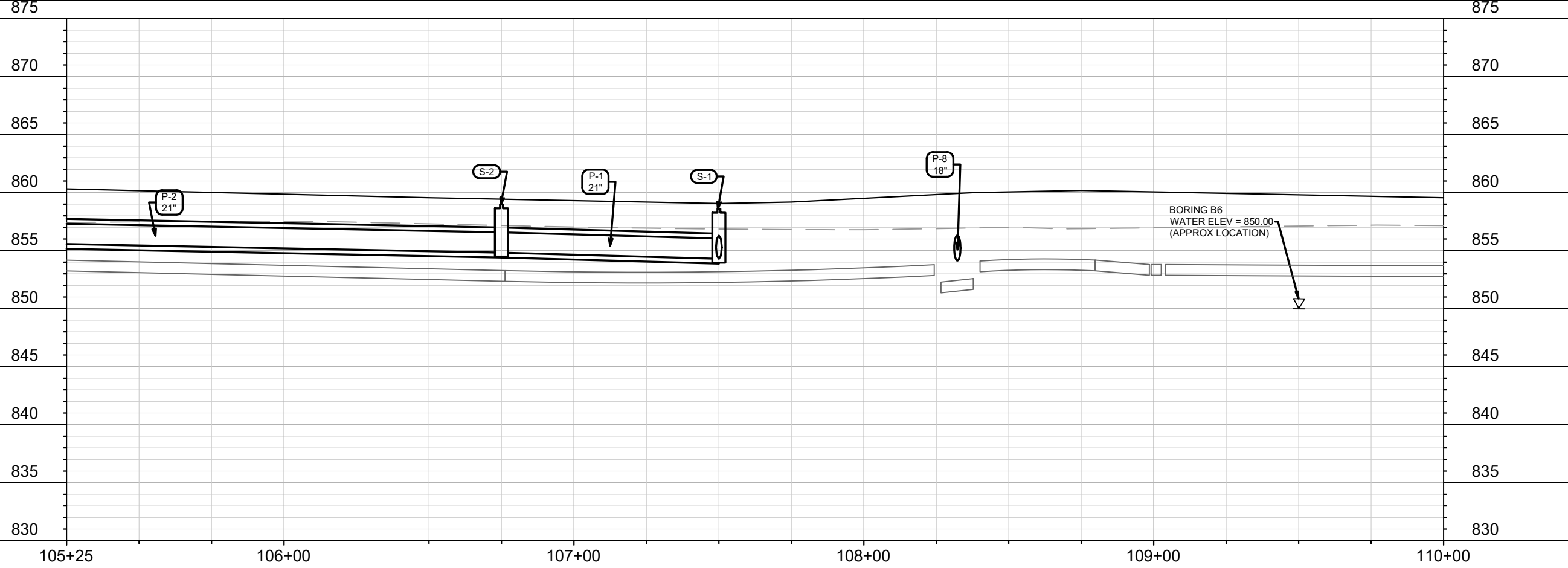
PLAN & PROFILE- VOGES RD SIDEWALK
 4800 VOGES ROAD
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12582
 P-5



REV 3/16/20202 - EEA
 - S-8 & S-8A changed to 18" apron ends
 - P-8 changed to 18"



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12582	Designed By: EEA	Date: 3/16/2022 10:36 AM	U-2

12582
 MADISON, WI
 CONTRACT NO: 9025

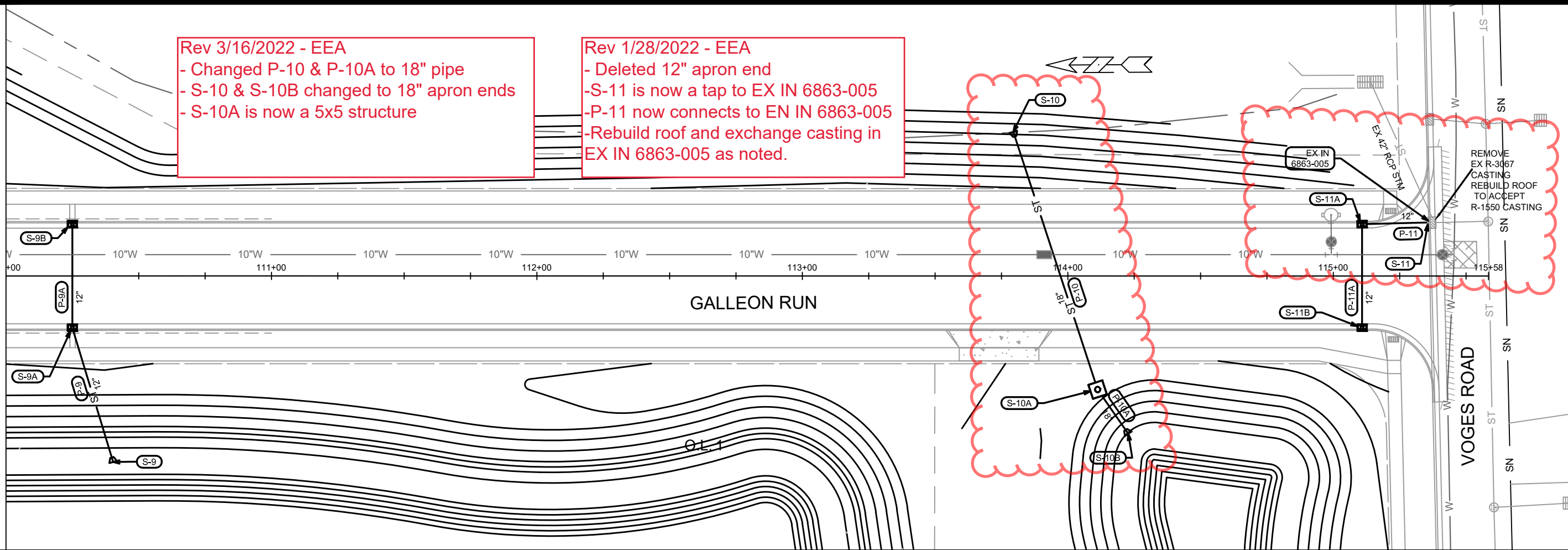
UTILITIES PLAN AND PROFILE - GALLEON RUN
 4800 VOGES ROAD CSM
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12582
 U-2

MATCH LINE 110+00.00

Rev 3/16/2022 - EEA
 - Changed P-10 & P-10A to 18" pipe
 - S-10 & S-10B changed to 18" apron ends
 - S-10A is now a 5x5 structure

Rev 1/28/2022 - EEA
 - Deleted 12" apron end
 -S-11 is now a tap to EX IN 6863-005
 -P-11 now connects to EN IN 6863-005
 -Rebuild roof and exchange casting in EX IN 6863-005 as noted.



875

875

870

870

865

865

860

860

855

855

850

850

845

845

840

840

835

835

830

830

110+00

111+00

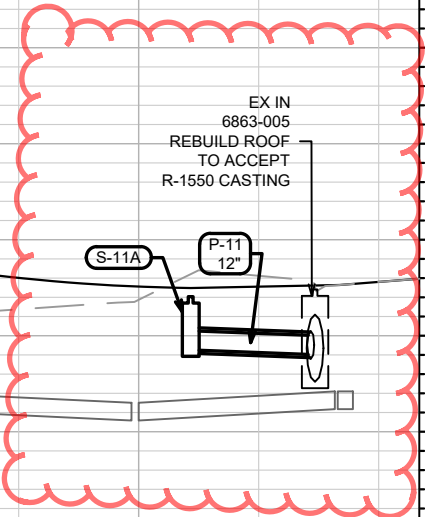
112+00

113+00

114+00

115+00

115+58



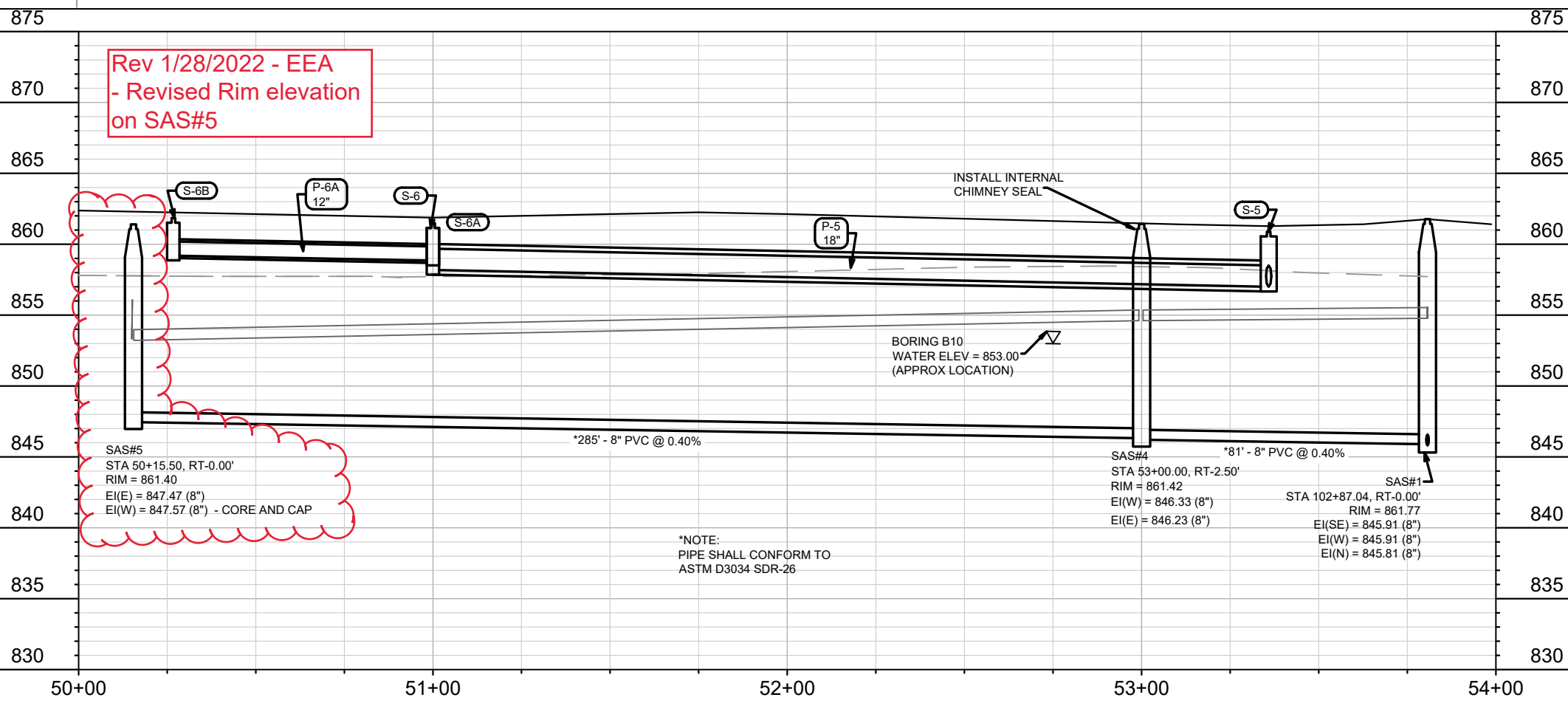
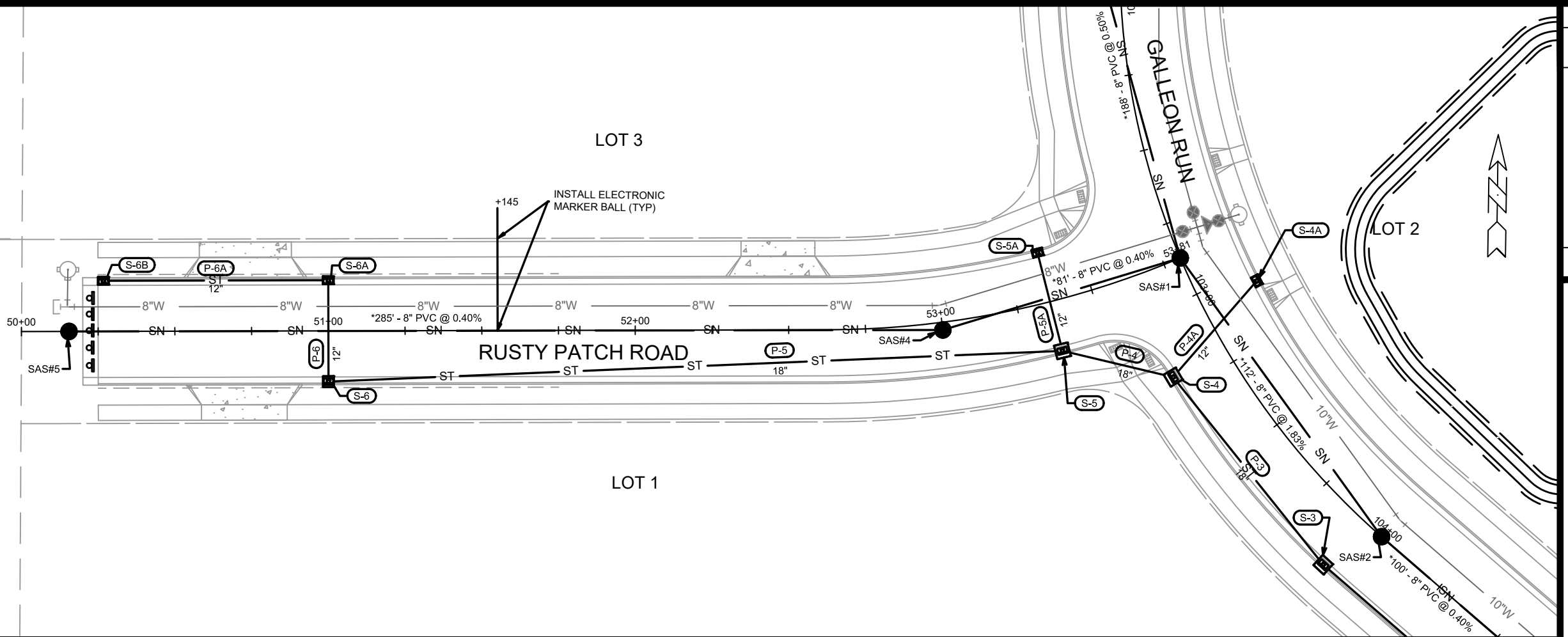
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12582
 MADISON, WI
 CONTRACT NO: 9025

UTILITIES PLAN AND PROFILE - GALLEON RUN
 4800 VOGES ROAD CSM
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12582
 U-3



12582	MADISON, WI	9025	U-4
CONTRACT NO:			
UTILITIES PLAN AND PROFILE - RUSTY PATCH ROAD			
4800 VOGES ROAD CSM			
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12582			
U-4			

SANITARY SEWER SCHEDULE

* REVISED 1/28/2022 - EEA

4800 VOGES ROAD CSM PROJECT NO. 12582	SHEET NO. U-SAN
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
GALLEON RUN						
SAS#1	102+87.04	CL	861.77	845.81	15.96	(1)
SAS#2	104+00.00	CL	861.07	847.96	13.11	(1)
SAS#3	105+00.00	CL	860.46	848.98	11.48	(1); (2)
RUSTY PATCH ROAD						
SAS#4	53+00.00	CL	861.42	846.23	15.19	(1); (2)
* SAS#5	50+15.50	CL	861.40	847.47	13.93	(1)

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
GALLEON RUN								
EX MH07-224	SAS#1	844.87	845.81	188	0.50%	8"	SDR-26	(3)
SAS#1	SAS#2	845.91	847.96	112	1.83%	8"	SDR-26	-
SAS#2	SAS#3	848.06	848.46	100	0.40%	8"	SDR-26	-
RUSTY PATCH ROAD								
SAS#1	SAS#4	845.91	846.23	81	0.40%	8"	SDR-26	-
SAS#4	SAS#5	846.33	847.47	285	0.40%	8"	SDR-26	-

SPECIFIC NOTES:

- (1) INSTALL EXTERNAL RUBBERIZED JOINT WRAPP PER S.D.D. 5.7.2
 - (2) INSTALL INTERNAL CHIMNEY SEAL PER S.D.D. 5.7.17
 - (3) CONTACT RAY SCHNEIDER OF MMSD AT rays@madsewer.org or (608) 347-3628, 5 DAYS PRIOR FOR THE MANHOLE ADJUST AND THE TAP CONNECTION TO ARRANGE FOR INSPECTION & PERMITTING.
- ALL WORK ON MMSD MANHOLE NEEDS TO CONFIRM WITH MMSD SPECIFICATIONS.

NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

* REVISED 1/28/2022 - EEA
 ++ REVISED 3/16/2022 - EEA

4800 VOGES ROAD CSM	SHEET NO.
PROJECT NO. 12582	U-STM
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
GALLEON RUN							
S-0	107+50.00	RT-77.85	24" RCP APRON END	-	854.00	-	W/ GATE
S-1	107+50.00	RT-19.50	4X4 SAS	859.07	854.29	4.78	LP; W/ R-3067-7004-VB
S-1A	107+50.00	LT-19.50	H INLET	859.07	855.85	3.22	LP; W/ R-3067-7004-VB
S-2	106+75.00	RT-19.50	4X4 SAS	859.45	854.82	4.63	W/ R-3067-7004-V
S-3	103+92.30	RT-19.50	4X4 SAS	861.15	856.22	4.93	W/ R-3067-7004-V
S-4	103+19.45	RT-19.50	4X4 SAS	861.59	856.84	4.75	W/ R-3067-7004-V
S-4A	103+05.00	LT-19.50	H INLET	861.68	858.08	3.60	W/ R-3067-7004-V
++ S-8	108+27.33	LT-59.72	18" RCP APRON END	-	854.00	-	-
++ S-8A	108+41.59	RT-66.67	18" RCP APRON END	-	855.00	-	-
S-9	110+40.38	RT-70.06	12" RCP APRON END	-	854.50	-	W/ GATE
S-9A	110+25.00	RT-19.50	H INLET	859.45	856.25	3.20	LP; W/ R-3067-7004-VB
S-9B	110+25.00	LT-19.50	H INLET	859.45	856.45	3.00	LP; W/ R-3067-7004-VB
S-10	113+79.46	LT-54.25	12" RCP APRON END	-	854.00	-	W/ GATE
++ S-10A	114+11.21	RT-42.78	5X5 SAS	859.50	855.00	4.50	W/ R-1550
S-10B	114+22.77	RT-59.43	12" RCP APRON END	-	855.00	-	W/ GATE
* S-11	115+35.84	LT-20.13	STORM TAP	-	854.02	-	TAP EX IN 6863-005; (1)
S-11A	115+10.84	LT-19.50	H INLET	857.50	854.26	3.24	LP; W/ R-3067-7004-VB
S-11B	115+10.84	RT-19.50	H INLET	857.50	854.46	3.04	LP; W/ R-3067-7004-VB
RUSTY PATCH ROAD							
S-5	53+35.86	RT-16.50	4X4 SAS	861.35	857.00	4.35	LP; W/ R-3067-7004-VB
S-5A	53+35.86	LT-16.50	H INLET	861.35	857.66	3.69	LP; W/ R-3067-7004-VB
S-6	51+00.00	RT-16.50	3X3 SAS	861.96	858.18	3.78	FP; LP; W/ R-3067-7004-VB
S-6A	51+00.00	LT-16.50	H INLET	861.96	858.84	3.12	LP; W/ R-3067-7004-VB
S-6B	50+26.73	LT-16.50	H INLET	862.32	859.19	3.13	W/ R-3067-7004-V

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
GALLEON RUN										
P-0	S-0	S-1	854.00	854.29	58	57	0.51%	24"	TYPE II	-
P-1	S-1	S-2	854.29	854.82	69	65	0.82%	21"	TYPE II	NCM
P-1A	S-1	S-1A	855.24	855.85	39	36	1.69%	12"	TYPE I	-
P-2	S-2	S-3	854.82	856.22	283	279	0.50%	21"	TYPE II	-
P-3	S-3	S-4	856.47	856.84	78	74	0.50%	18"	TYPE I	-
P-4	S-4	S-5	856.84	857.00	37	32	0.50%	18"	TYPE II	-
P-4A	S-4	S-4A	857.34	858.08	42	38	1.95%	12"	TYPE I	-
++ P-8	S-8	S-8A	854.00	855.00	127	127	0.79%	18"	TYPE I	-
P-9	S-9	S-9A	854.50	856.25	53	52	3.37%	12"	TYPE II	-
P-9A	S-9A	S-9B	856.25	856.45	39	37	0.54%	12"	TYPE I	-
++ P-10	S-10	S-10A	854.25	855.00	102	101	0.74%	18"	TYPE I	-
++ P-10A	S-10A	S-10B	855.00	855.00	20	19	0.00%	18"	TYPE II	-
* P-11	S-11	S-11A	854.02	854.26	25	24	1.00%	12"	TYPE II	NCM
P-11A	S-11A	S-11B	854.26	854.46	39	37	0.54%	12"	TYPE I	-
RUSTY PATCH ROAD										
P-5	S-5	S-6	857.00	858.18	239	236	0.50%	18"	TYPE I	-
P-5A	S-5	S-5A	857.50	857.66	33	30	0.53%	12"	TYPE I	-
P-6	S-6	S-6A	858.68	858.84	33	31	0.52%	12"	TYPE I	-
P-6A	S-6A	S-6B	858.84	859.19	73	70	0.50%	12"	TYPE II	-

SPECIFIC NOTES:

(1) REMOVE EXISTING R-3067 CASTING; REBUILD ROOF TO ACCEPT R-1550 CASTING

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD Poured STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL FIELD Poured SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- ALL STRUCTURES CALLED OUT AS FIELD Poured SHALL BE FIELD Poured. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD Poured) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS. FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

-FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM

SANITARY SEWER SCHEDULE

4800 VOGES ROAD CSM

SHEET NO.

PROJECT NO. 12582

U-SAN

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
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GALLEON RUN

SAS#1	102+87.04	CL	861.77	845.81	15.96	(1)
SAS#2	104+00.00	CL	861.07	847.96	13.11	(1)
SAS#3	105+00.00	CL	860.46	848.98	11.48	(1); (2)

RUSTY PATCH ROAD

SAS#4	53+00.00	CL	861.42	846.23	15.19	(1); (2)
SAS#5	50+15.50	CL	857.77	847.47	10.30	(1)

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
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GALLEON RUN

EX MH07-224	SAS#1	844.87	845.81	188	0.50%	8"	SDR-26	(3)
SAS#1	SAS#2	845.91	847.96	112	1.83%	8"	SDR-26	-
SAS#2	SAS#3	848.06	848.46	100	0.40%	8"	SDR-26	-

RUSTY PATCH ROAD

SAS#1	SAS#4	845.91	846.23	81	0.40%	8"	SDR-26	-
SAS#4	SAS#5	846.33	847.47	285	0.40%	8"	SDR-26	-

SPECIFIC NOTES:

(1) INSTALL EXTERNAL RUBBERIZED JOINT WRAPP PER S.D.D. 5.7.2

(2) INSTALL INTERNAL CHIMNEY SEAL PER S.D.D. 5.7.17

(3) CONTACT RAY SCHNEIDER OF MMSD AT rays@madsewer.org or (608) 347-3628, 5 DAYS PRIOR FOR THE MANHOLE ADJUST AND THE TAP CONNECTION TO ARRANGE FOR INSPECTION & PERMITTING.

ALL WORK ON MMSD MANHOLE NEEDS TO CONFIRM WITH MMSD SPECIFICATIONS.

NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

4800 VOGES ROAD CSM
PROJECT NO. 12582
SHEET NO.
U-STM
STORM SEWER SCHEDULE
CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
GALLEON RUN							
S-0	107+50.00	RT-77.85	24" RCP APRON END	-	854.00	-	W/ GATE
S-1	107+50.00	RT-19.50	4X4 SAS	859.07	854.29	4.78	LP; W/ R-3067-7004-VB
S-1A	107+50.00	LT-19.50	H INLET	859.07	855.85	3.22	LP; W/ R-3067-7004-VB
S-2	106+75.00	RT-19.50	4X4 SAS	859.45	854.82	4.63	W/ R-3067-7004-V
S-3	103+92.30	RT-19.50	4X4 SAS	861.15	856.22	4.93	W/ R-3067-7004-V
S-4	103+19.45	RT-19.50	4X4 SAS	861.59	856.84	4.75	W/ R-3067-7004-V
S-4A	103+05.00	LT-19.50	H INLET	861.68	858.08	3.60	W/ R-3067-7004-V
S-8	108+27.33	LT-59.72	24" RCP APRON END	-	854.00	-	-
S-8A	108+41.59	RT-66.67	24" RCP APRON END	-	855.00	-	-
S-9	110+40.38	RT-70.06	12" RCP APRON END	-	854.50	-	W/ GATE
S-9A	110+25.00	RT-19.50	H INLET	859.45	856.25	3.20	LP; W/ R-3067-7004-VB
S-9B	110+25.00	LT-19.50	H INLET	859.45	856.45	3.00	LP; W/ R-3067-7004-VB
S-10	113+79.46	LT-54.25	12" RCP APRON END	-	854.00	-	W/ GATE
S-10A	114+11.21	RT-42.78	3X3 SAS	859.50	854.80	4.70	W/ R-1550
S-10B	114+22.77	RT-59.43	12" RCP APRON END	-	855.00	-	W/ GATE
S-11	114+82.73	LT-62.43	12" RCP APRON END	-	854.00	-	W/ GATE
S-11A	115+10.84	LT-19.50	H INLET	857.50	854.26	3.24	LP; W/ R-3067-7004-VB
S-11B	115+10.84	RT-19.50	H INLET	857.50	854.46	3.04	LP; W/ R-3067-7004-VB
RUSTY PATCH ROAD							
S-5	53+35.86	RT-16.50	4X4 SAS	861.35	857.00	4.35	LP; W/ R-3067-7004-VB
S-5A	53+35.86	LT-16.50	H INLET	861.35	857.66	3.69	LP; W/ R-3067-7004-VB
S-6	51+00.00	RT-16.50	3X3 SAS	861.96	858.18	3.78	FP; LP; W/ R-3067-7004-VB
S-6A	51+00.00	LT-16.50	H INLET	861.96	858.84	3.12	LP; W/ R-3067-7004-VB
S-6B	50+26.73	LT-16.50	H INLET	862.32	859.19	3.13	W/ R-3067-7004-V

PROPOSED STORM PIPES

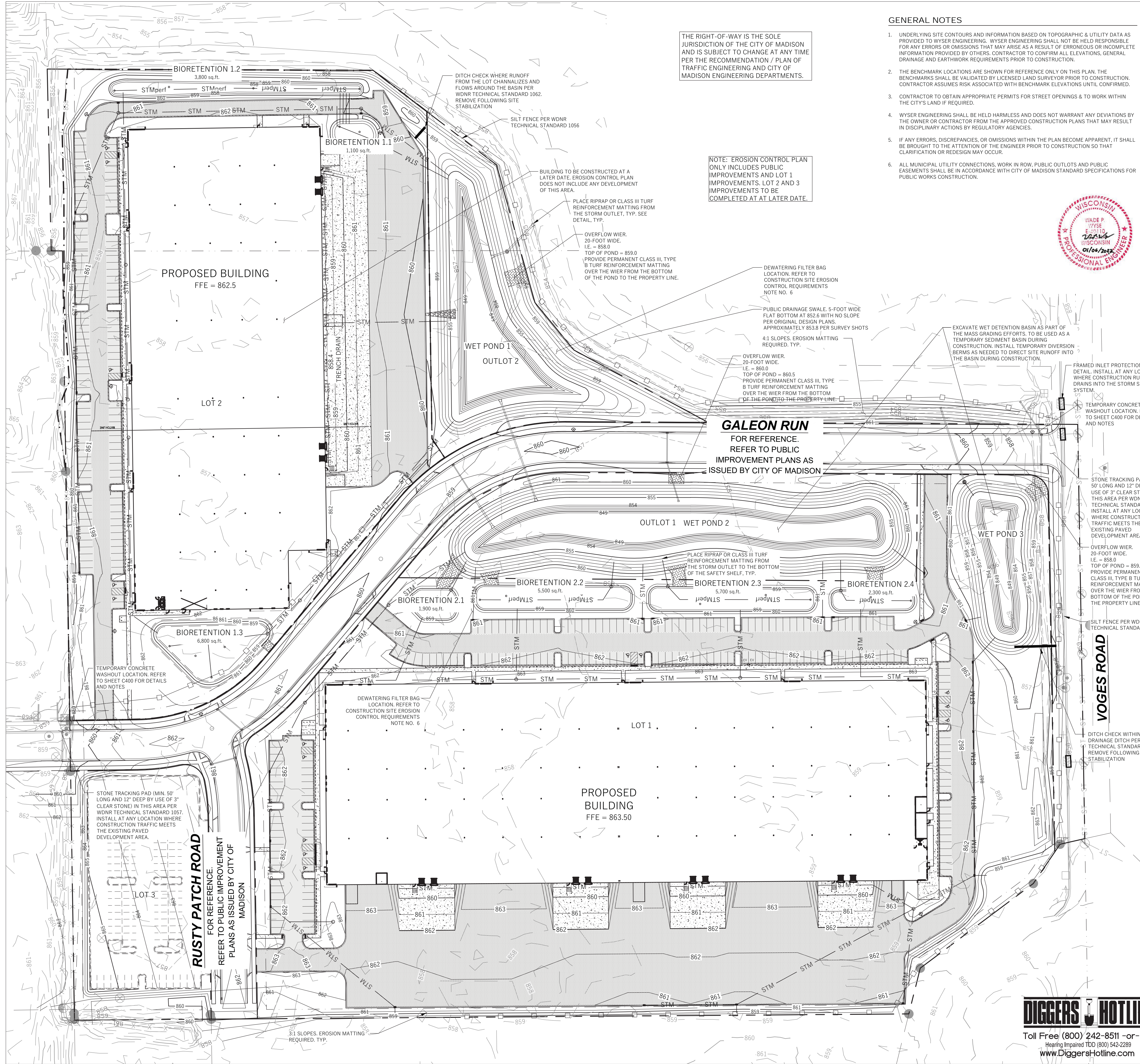
PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
GALLEON RUN										
P-0	S-0	S-1	854.00	854.29	58	57	0.51%	24"	TYPE II	-
P-1	S-1	S-2	854.29	854.82	69	65	0.82%	21"	TYPE II	NCM
P-1A	S-1	S-1A	855.24	855.85	39	36	1.69%	12"	TYPE I	-
P-2	S-2	S-3	854.82	856.22	283	279	0.50%	21"	TYPE II	-
P-3	S-3	S-4	856.47	856.84	78	74	0.50%	18"	TYPE I	-
P-4	S-4	S-5	856.84	857.00	37	32	0.50%	18"	TYPE II	-
P-4A	S-4	S-4A	857.34	858.08	42	38	1.95%	12"	TYPE I	-
P-8	S-8	S-8A	854.00	855.00	127	127	0.79%	24"	TYPE I	-
P-9	S-9	S-9A	854.50	856.25	53	52	3.37%	12"	TYPE II	-
P-9A	S-9A	S-9B	856.25	856.45	39	37	0.54%	12"	TYPE I	-
P-10	S-10	S-10A	854.00	854.80	102	101	0.79%	12"	TYPE I	-
P-10A	S-10A	S-10B	854.80	855.00	20	19	1.05%	12"	TYPE II	-
P-11	S-11	S-11A	854.00	854.26	51	50	0.52%	12"	TYPE II	-
P-11A	S-11A	S-11B	854.26	854.46	39	37	0.54%	12"	TYPE I	-
RUSTY PATCH ROAD										
P-5	S-5	S-6	857.00	858.18	239	236	0.50%	18"	TYPE I	-
P-5A	S-5	S-5A	857.50	857.66	33	30	0.53%	12"	TYPE I	-
P-6	S-6	S-6A	858.68	858.84	33	31	0.52%	12"	TYPE I	-
P-6A	S-6A	S-6B	858.84	859.19	73	70	0.50%	12"	TYPE II	-

SPECIFIC NOTES:

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.
 - ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD Poured STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
 - APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
 - TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
 - ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
 - SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL FIELD Poured SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
 - ALL STRUCTURES CALLED OUT AS FIELD Poured SHALL BE FIELD Poured. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD Poured) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.
 -FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM



THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION / PLAN OF TRAFFIC ENGINEERING AND CITY OF MADISON ENGINEERING DEPARTMENTS.

NOTE: EROSION CONTROL PLAN ONLY INCLUDES PUBLIC IMPROVEMENTS AND LOT 1 IMPROVEMENTS. LOT 2 AND 3 IMPROVEMENTS TO BE COMPLETED AT A LATER DATE.

GENERAL NOTES

- 1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS PROVIDED TO WYSER ENGINEERING. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.



LEGEND (PROPOSED)

- PROPERTY BOUNDARY
EASEMENT
BUILDING FOOTPRINT
18" CURB AND GUTTER
ASPHALT PAVEMENT
CONCRETE PAVEMENT
1180- PROPOSED MAJOR CONTOUR
1181- PROPOSED MINOR CONTOUR
STM- PROPOSED STORM SEWER
SILT FENCE
INLET PROTECTION
DITCH CHECK



CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

- 1. POST WDNr CERTIFICATE OF PERMIT COVERAGE AND MUNICIPAL EROSION CONTROL PERMITS ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNr.
2. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
3. ENGINEER / CITY OF MADISON / WDNr HAS THE RIGHT TO REQUIRE CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY. CONTRACTOR MUST NOTIFY THE CITY OF MADISON BUILDING INSPECTOR TO SCHEDULE AN ON SITE MEETING A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE OF ANY SOIL DISTURBANCE ACTIVITIES.
4. SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNr AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
5. THE SITE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
6. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
7. WHEN POSSIBLE, PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS). MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE. MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
8. REFER TO THE WDNr STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT http://dnr.wi.gov/topic/stormwater/standards/const_standards.html.
9. INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNr TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
10. INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNr TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060 AND DADE COUNTY REQUIREMENTS FOR FRAMED INLET PROTECTION.
11. CONTRACTOR TO PROVIDE SOLID LID OR METAL PLATE ON ALL OPEN MANHOLES DURING CONSTRUCTION TO MINIMIZE SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM.
12. STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNr TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
13. PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR. GROUNDWATER DEWATERING IS SUBJECT TO A DNR WASTEWATER DISCHARGE PERMIT AND A DNR HIGH CAPACITY WELL APPROVAL IF CUMULATIVE PUMP CAPACITY IS 70 GPM OR MORE.
14. PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNr TECHNICAL STANDARD DEWATERING #1061.
15. COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS OR WET PONDS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET, AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE (REFER TO NR 520). CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WDNr TECHNICAL STANDARD SEDIMENT BASIN #064 AND SEDIMENT TRAP #1063.
16. CONSTRUCT AND PROTECT THE BIOTREATMENT BASIN AND VEGETATION FROM RUNOFF AND SEDIMENT DURING CONSTRUCTION. REFERENCE THE WDNr TECHNICAL STANDARD BIOTREATMENT FOR INFILTRATION #1004.
17. INSTALL AND MAINTAIN SILT FENCING PER WDNr TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
18. REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNr TECHNICAL STANDARD DITCH CHECKS #1057.
19. INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNr TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL #1007 AND SLOPE EROSION CONTROL PRODUCTS #1071.
20. IMMEDIATELY STABILIZE STOCKPILES AND SURROUNDING STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL. IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER:
21. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER, BETWEEN SEPTEMBER 15 AND OCTOBER 15, STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
22. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
23. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE AUTHORITIES WITH JURISDICTION. SEPARATE SWEEP MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
24. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNr TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES #1068.
25. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
26. COORDINATE WITH THE AUTHORITIES WITH JURISDICTION TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE DRAINAGE DITCH OR WEEDY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAILED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
27. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS III TYPE B EROSION CONTROL MATTING. INSTALL AND MAINTAIN PER WDNr TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
28. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS II TYPE B EROSION CONTROL MATTING UNLESS OTHERWISE SPECIFIED ON THE PLAN. INSTALL AND MAINTAIN PER WDNr TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
29. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
30. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNr REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNr'S BUREAU OF REMEDIATION AND REDEVELOPMENT RACKING SYSTEM (BRRS) PUBLIC DATABASE AT: http://dnr.wi.gov/brrsv/
31. INSTALL AND MAINTAIN A CONCRETE WASHOUT BASIN PER EPA 833-F-11-006: https://www3.epa.gov/npdes/pubs/concretewashout.pdf. REQUIRE USE BY ALL CONCRETE CONTRACTORS. LIQUID MAY BE REUSED IN CONCRETE MIXING, EVAPORATED, OR DISPOSED OF AS WASTEWATER.

GRADING, SEEDING & RESTORATION NOTES

- 1. ALL GRADES SHOWN ARE FINAL FINISHED SURFACE GRADES.
2. AREAS TO BE SEEDED SHALL HAVE A MINIMUM 6 INCHES TOPSOIL UNLESS OTHERWISE NOTED.
3. AREAS NOT RESTORED WITH EROSION MATTING OR OTHER STABILIZATION MEASURES SHALL BE STABILIZED WITH MULCH.
4. APPLY ANIONIC POLYMER TO DISTURBED AREAS IF EROSION BECOMES PROBLEMATIC.
5. CONTRACTOR SHALL CHISEL-PLow OR DEEP TILL WITH DOUBLE TINES THE STORMWATER MANAGEMENT FACILITY JUST PRIOR TO SEEDING AND MULCHING TO PROMOTE INFILTRATION.
6. MULCH SHALL BE WEED-FREE STRAW AND SHALL BE INSTALLED AT THE RATE OF 2 TONS PER ACRE PER SECTION 627 OF "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" (WISDOT 2014)
7. PERMANENT SEEDING SHALL NOT OCCUR BETWEEN SEPTEMBER 15TH AND APRIL 15TH. ALTERNATE SEEDING/PLANTING METHODS AND/OR EROSION PROTECTION MAY BE NECESSARY FOR SEEDING/PLANTING THAT OCCURS DURING THAT TIME. COORDINATE WITH THE OWNER AS NECESSARY.
8. TEMPORARY STABILIZATION SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING OPTIONS:
a. TEMPORARY SEEDING CONSISTING OF ANNUAL RYE GRASS APPLIED AT A RATE OF 1.5 LBS PER 1000 SQUARE FEET
b. WISDOT PAL CLASS I TYPE B URBAN EROSION CONTROL MAT.

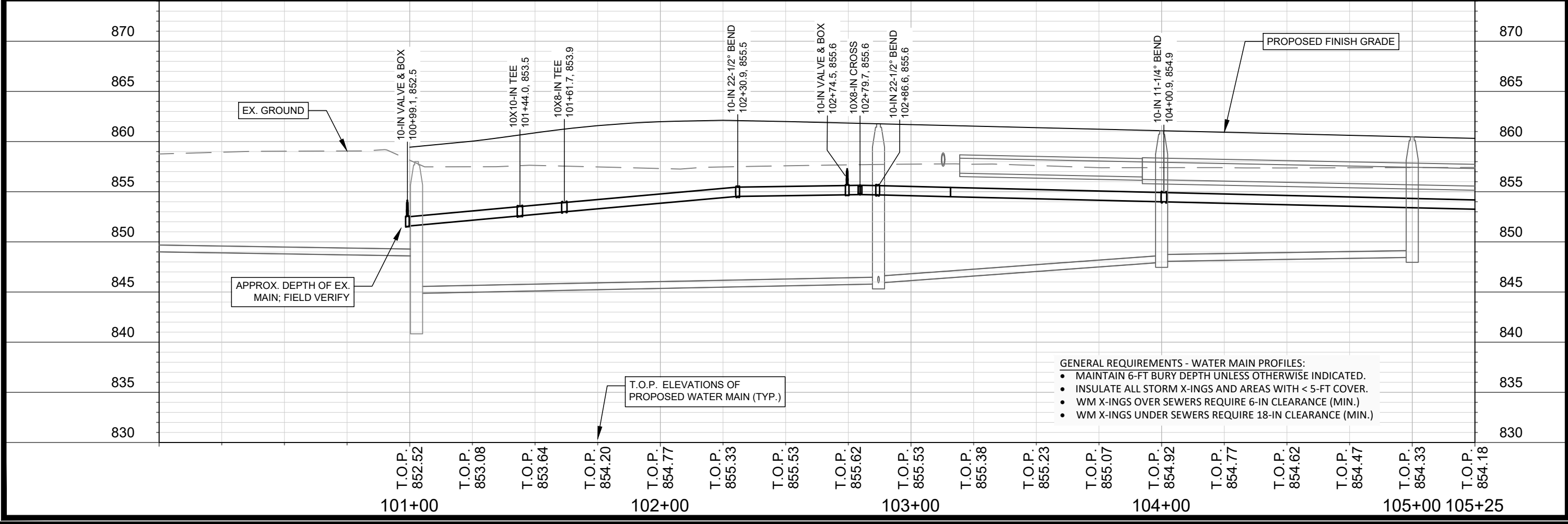
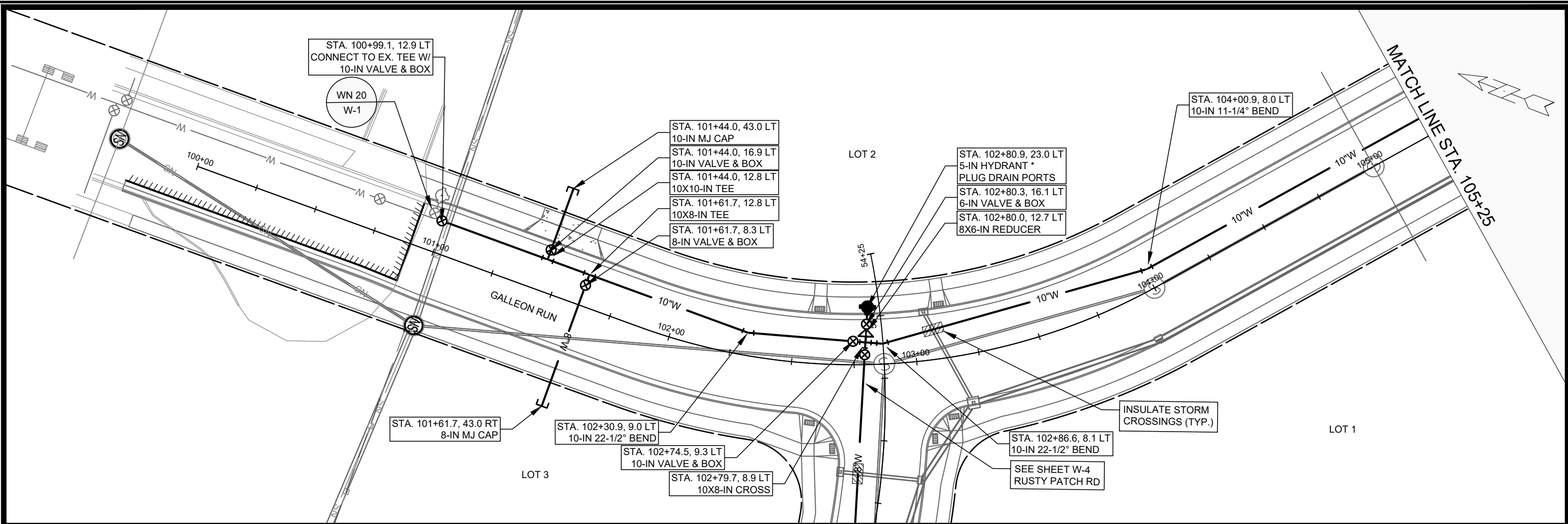
RUEDEBUSCH DEVELOPMENT & CONSTRUCTION logo and contact information: 4605 DOWNTOWN DRIVE, MADISON, WI 53704, PHONE 608.249.2012, FAX 608.249.2032

WYSER ENGINEERING logo and contact information: 608.843.3388, www.wyserengineering.com

PROPOSED WYOMING PROJECT logo and address: PROPOSED BUILDING - WEST OF FUTURE GALEON RUN, 4800 VOGES RD., MADISON, WISCONSIN 53718

Table with project details: DATE (12.06.21), DATE (01.05.22), SHEET TITLE (GRADING & EROSION CONTROL PLAN), JOB NUMBER (19032), DESIGNED BY (DOS/AJW), DRAWN BY (DOS/AJW), CHECKED BY (-), DATE (11.04.2021), SHEET NO. (C2.0)

DIGGERS HOTLINE logo and contact information: Toll Free (800) 242-8511 or 811, Hearing Impaired TDD (800) 542-2289, www.DiggersHotline.com



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

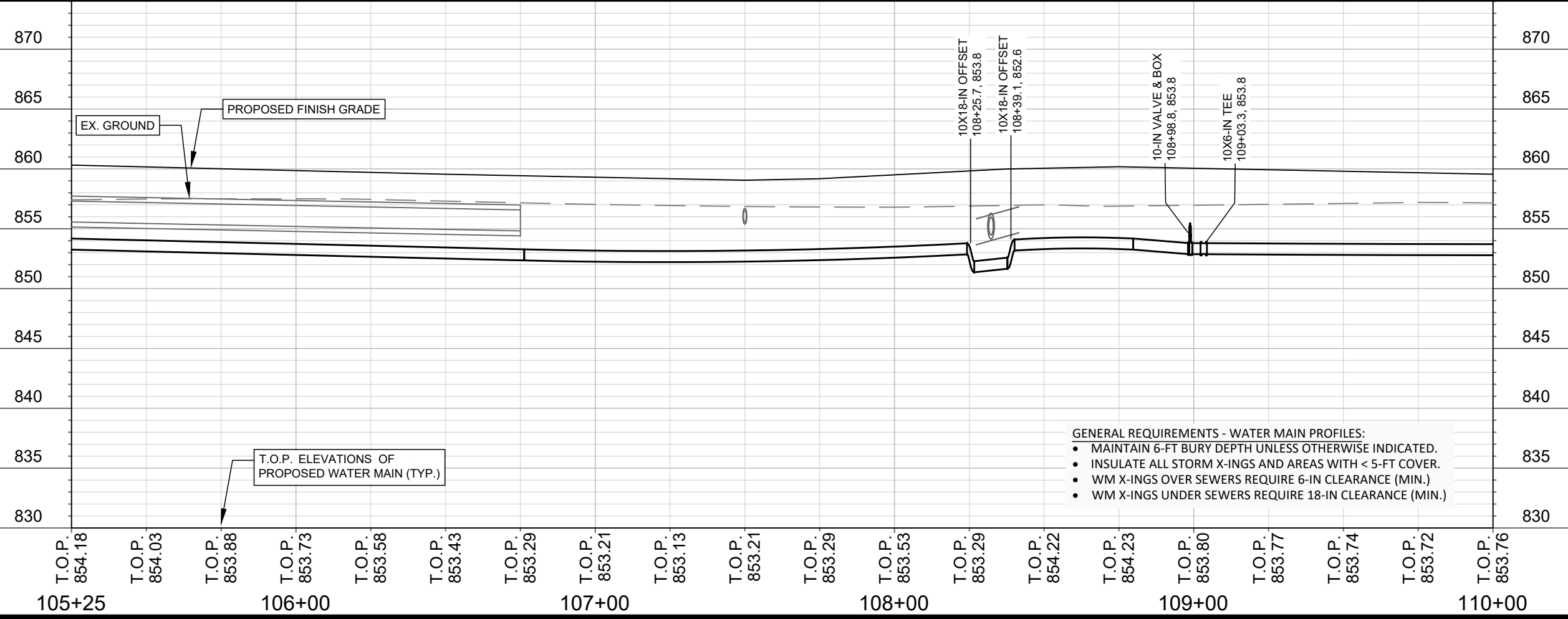
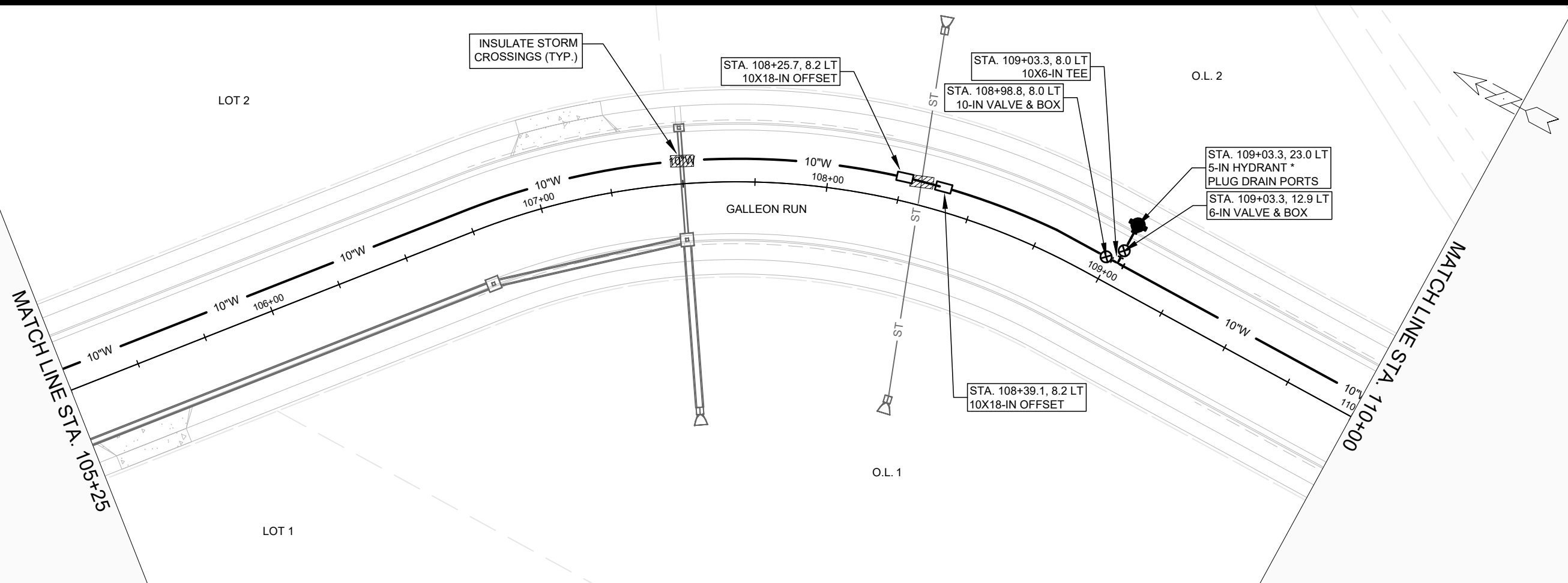
SCALE: 1" = 40'
 DESIGNED BY: TDP
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/24/22

CONTRACT NO: 9025

4800 VOGES ROAD CSM
 PLAN & PROFILE GALLEON RUN WATER
 CITY OF MADISON, WISCONSIN



12582
 W-1



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
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SCALE: 1" = 40'
 DESIGNED BY: TDP
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/24/22

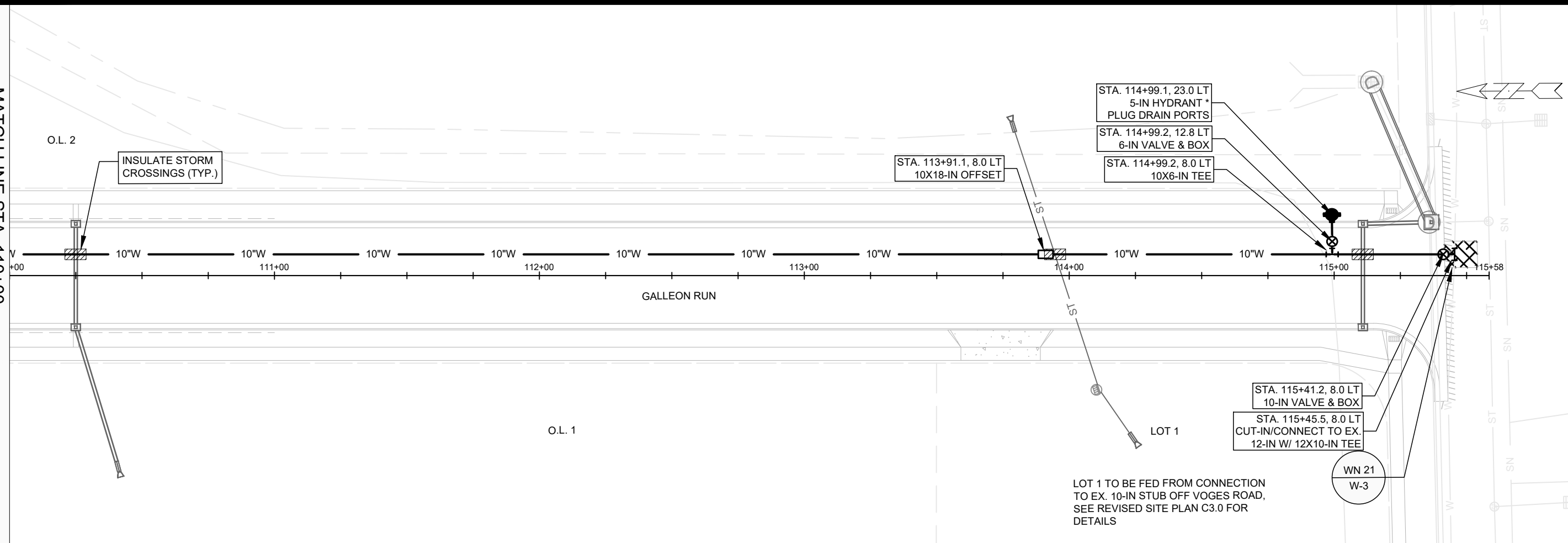
CONTRACT NO: 9025

4800 VOGES ROAD CSM
 PLAN & PROFILE GALLEON RUN WATER
 CITY OF MADISON, WISCONSIN

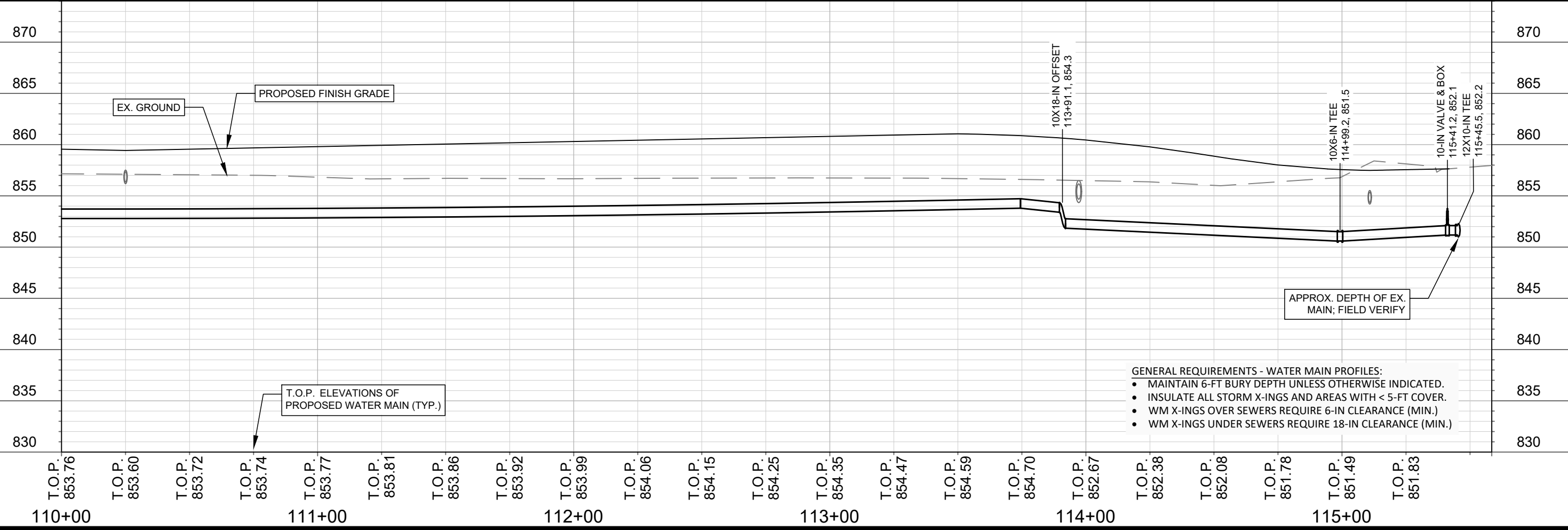


12582
 W-2

MATCH LINE STA. 110+00



LOT 1 TO BE FED FROM CONNECTION TO EX. 10-IN STUB OFF VOGES ROAD, SEE REVISED SITE PLAN C3.0 FOR DETAILS



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

SCALE: 1" = 40'
 DESIGNED BY: TDP
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/24/22

CONTRACT NO: 9025

4800 VOGES ROAD CSM
 PLAN & PROFILE GALLEON RUN WATER
 CITY OF MADISON, WISCONSIN



12582
 W-3

STA. 50+15.2, 20.2 LT
5-IN HYDRANT
STA. 50+15.0, 8.0 LT
8X6-IN TEE W/ PLUG

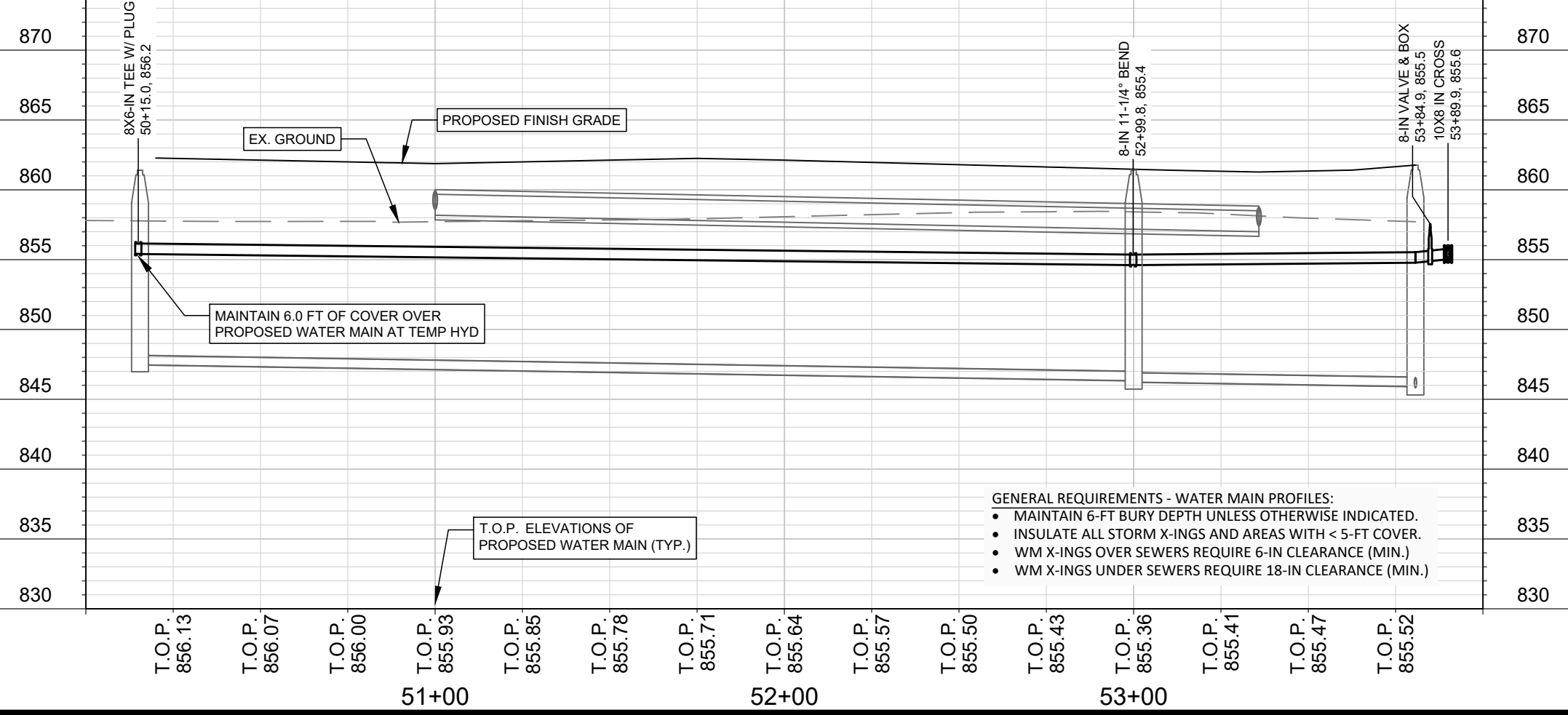
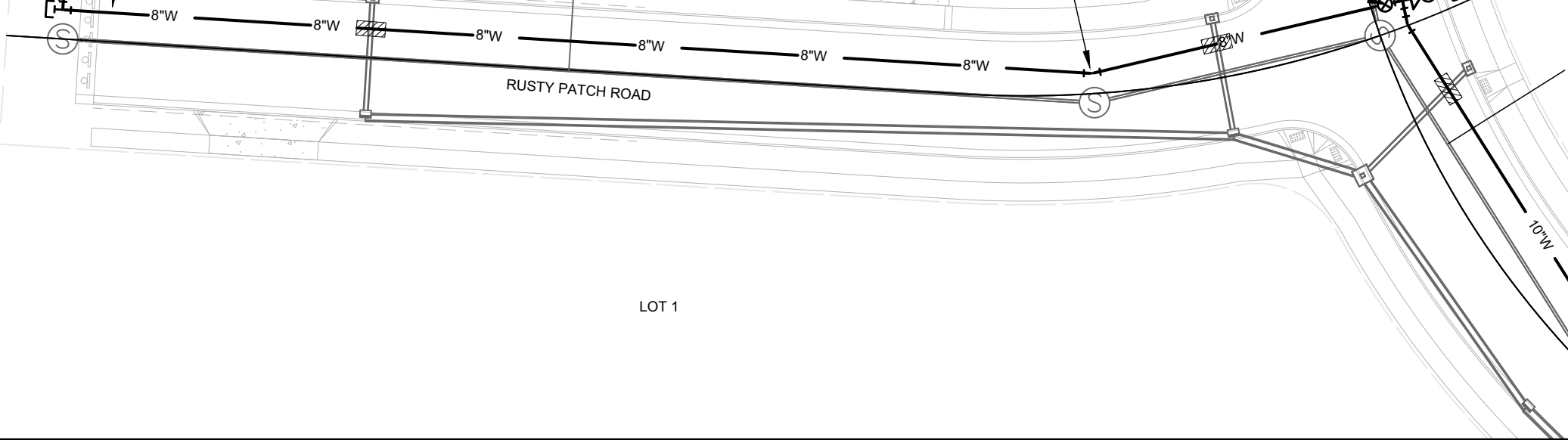
INSULATE STORM
CROSSINGS (TYP.)

LOT 3

STA. 53+89.9, 7.0 LT
10X8-IN CROSS
STA. 53+84.9, 7.6 LT
8-IN VALVE & BOX
STA. 52+99.8, 5.6 LT
8-IN 11-1/4° BEND

SEE SHEET W-1

LOT 2



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

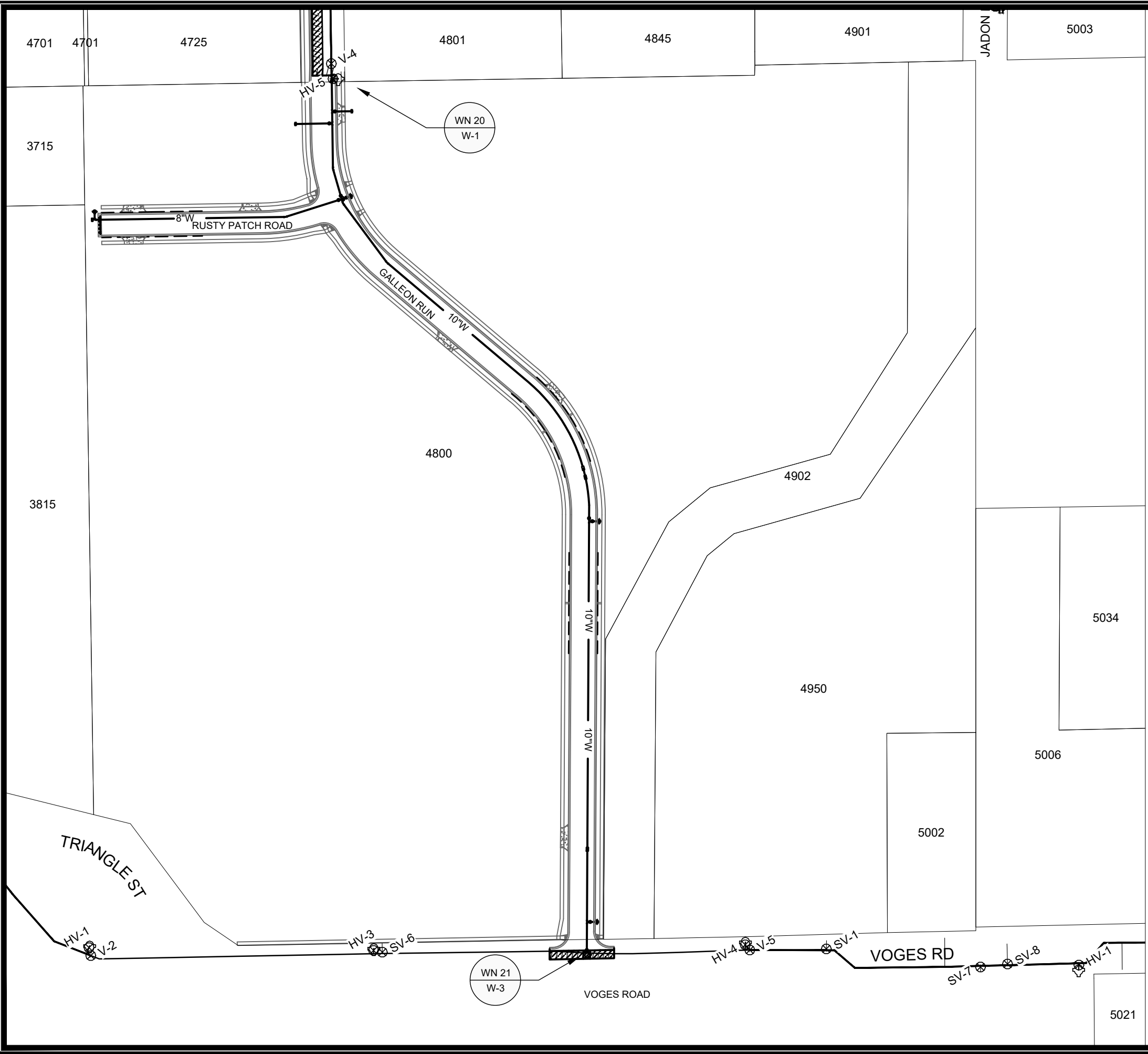
SCALE: 1" = 40'
DESIGNED BY: TDP
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 3/24/22

CONTRACT NO: 9025

4800 VOGES ROAD CSM
PLAN & PROFILE RUSTY PATCH RD WATER
CITY OF MADISON, WISCONSIN



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W-4



WN20 W1 CONNECT TO EX. 10IN TEE AT GALLEON RUN, REMOVE PLUG AND CONNECT WITH 10-IN VALVE & BOX
 ISOLATION VALVES: V-4 AT GALLEON RUN
 NOTIFY: N/A

WN21 W3 CONNECT TO EX. 12IN AT VOGES ROAD, CUT-IN 12-IN X10-IN TEE
 ISOLATION VALVES: V-2 AT VOGES & DUTCHMILL AND V-5 & SV-6 AT VOGES ROAD
 NOTIFY: 4800 VOGES ROAD

DISCLAIMER NOTE:
 THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.



SCALE: 1"=120'

DESIGNED BY: ARW/TDP
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 12/17/21

4800 VOGES ROAD
 WATER IMPACT PLAN GALLEON RUN AND VOGES ROAD
 CITY OF MADISON, WISCONSIN
 CONTRACT NO: 9025



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 W-5



CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN-5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN-8 ABANDON THE VALVE BOX.
- WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN-10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

WATER UTILITY ULO SCHEDULE

ULO	UTILITY	STATION	OFFSET	SHEET
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***ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

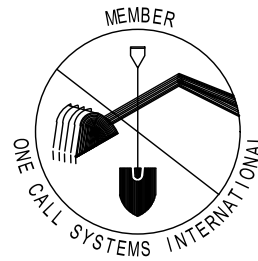
PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	55	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	470	LNFT
70004	FURNISH AND INSTALL 10-INCH PIPE & FITTINGS	1600	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	2	EACH
70033	FURNISH AND INSTALL 10-INCH WATER VALVE	5	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	4	EACH
70101	FURNISH AND INSTALL STYROFOAM	10	EACH
71002	8-IN MJ CAP	1	EACH
71003	10-IN MJ CAP	1	EACH
71014	8-IN MJ PLUG	1	EACH
71044	10X8-IN CROSS	1	EACH
71136	10-IN 22-1/2° BEND	2	EACH
71148	10-IN 11-1/4° BEND	1	EACH
71147	8-IN 11-1/4° BEND	1	EACH
71159	8X6-IN REDUCER	1	EACH
71210	8X6-IN TEE	1	EACH
71213	10X6-IN TEE	2	EACH
71214	10X8-IN TEE	1	EACH
71215	10X10-IN TEE	1	EACH
71219	12X10-IN TEE	1	EACH
71343	10X18-IN OFFSET	3	EACH

*ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES GUARANTEE THE ACCURACY OF THE MATERIAL TAKE OFF.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

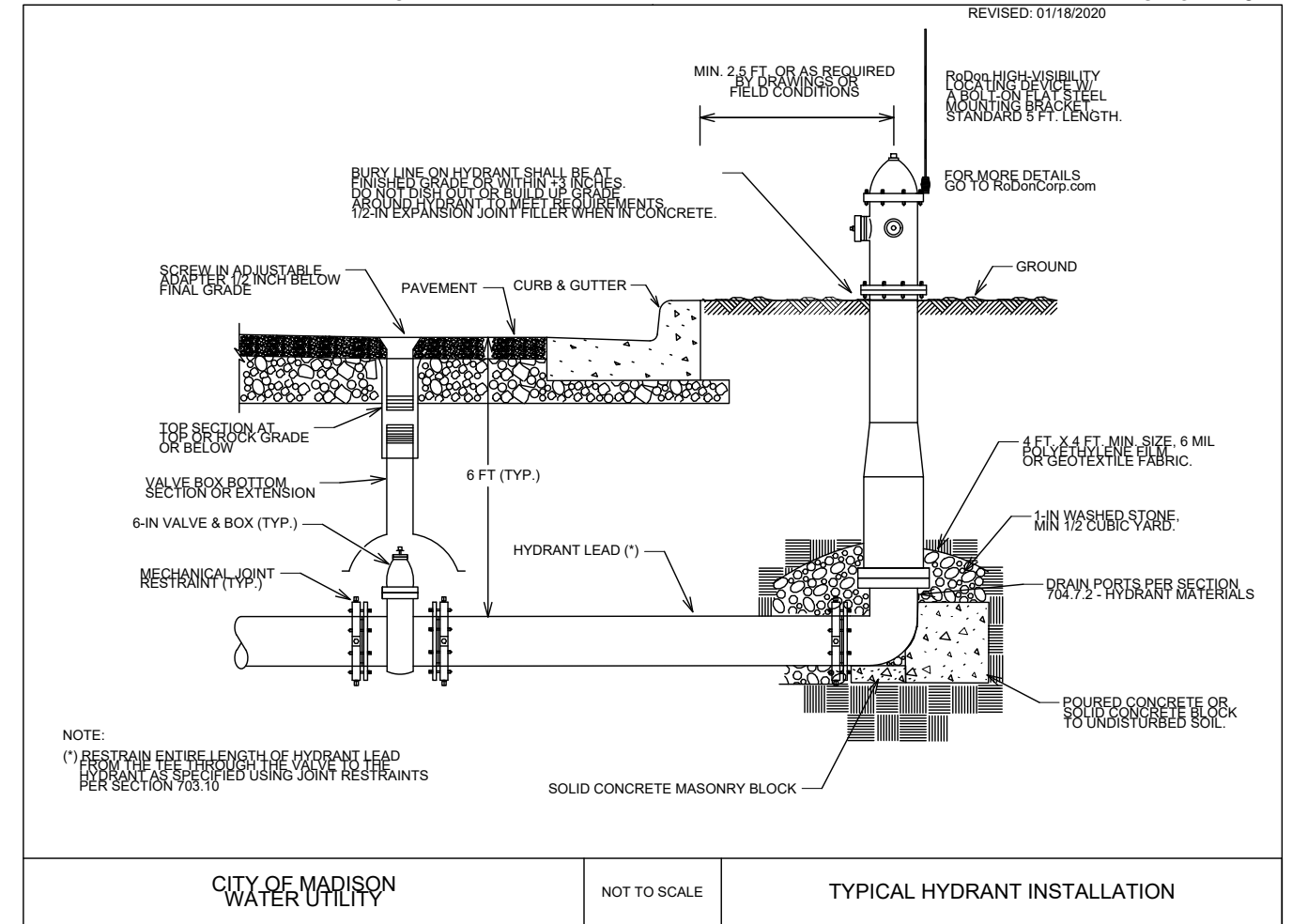


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 01/18/2020



CITY OF MADISON
WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

SCALE: N/A
DESIGNED BY: TDP
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 12/10/21

CONTRACT NO: 9025

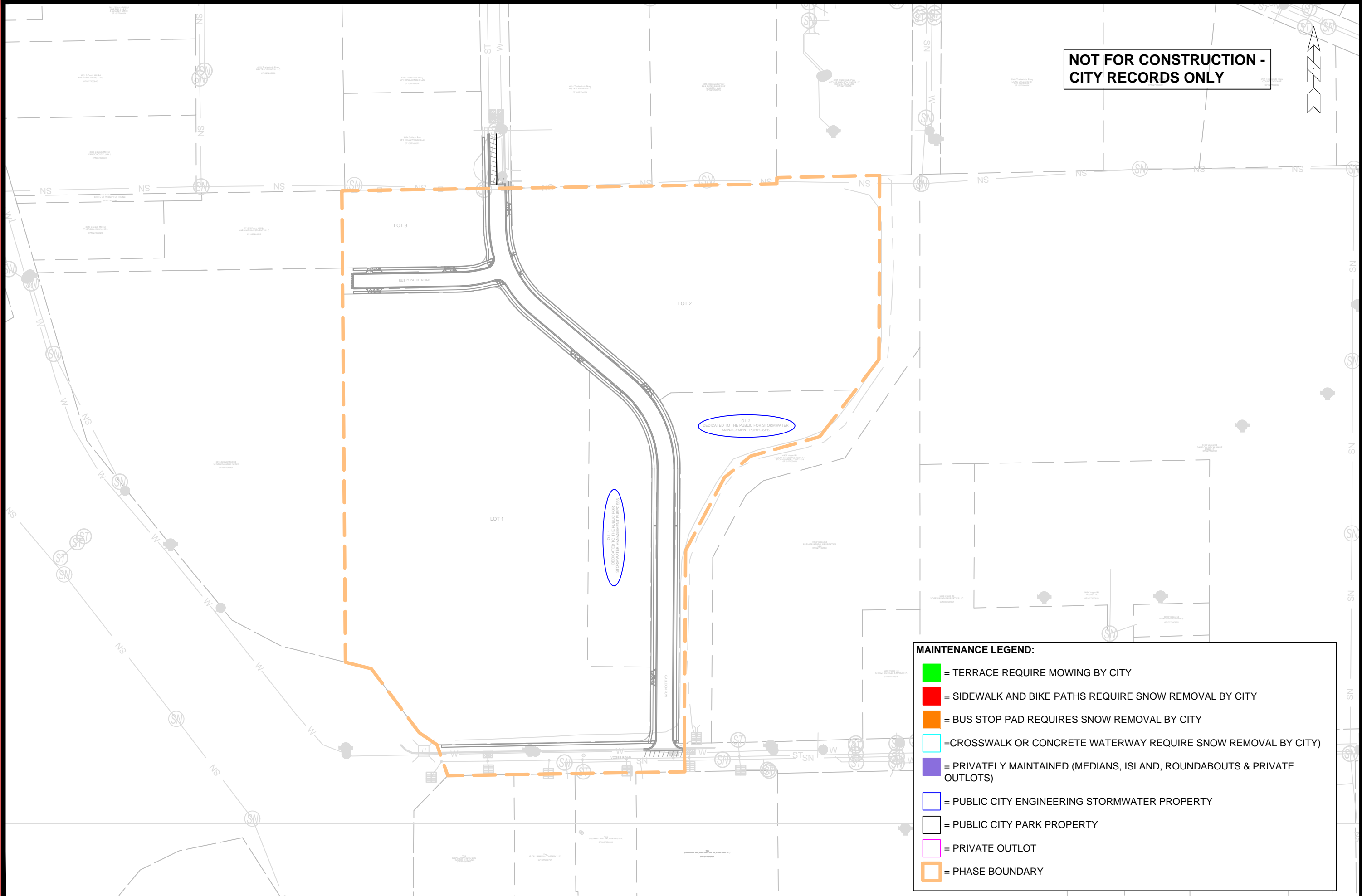
4800 VOGES ROAD CSM
WATER ESTIMATE OF MATERIALS
CITY OF MADISON, WISCONSIN



12582
W-6

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NOT FOR CONSTRUCTION -
CITY RECORDS ONLY



MAINTENANCE LEGEND:

- = TERRACE REQUIRE MOWING BY CITY
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
- = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
- = CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY
- = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)
- = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- = PUBLIC CITY PARK PROPERTY
- = PRIVATE OUTLOT
- = PHASE BOUNDARY

MARK	REVISION	DATE	BY

12582
MADISON, WI
9025
CONTRACT NO:

M:\DESIGN\Projects\12582\CAD\Streets\12582EN-Maintenance.dwg

MAINTENANCE MAP
4800 VOGES RD



12582
MN-1